

**TERRAIN**

**MECFLOW** SUPPLY  
SYSTEMS

**A** POLYPIPE  
ADVANTAGE

|         |               |
|---------|---------------|
| PL-01   | February 2026 |
| Issue 5 |               |

## Water Supply & Drainage Systems



Price List 2026

## About us

Polypipe Building Services is the leading provider of engineered drainage and water supply solutions to the commercial construction sector. We help customers to complete safe and sustainable installations within high-rise residential, office, education, healthcare and leisure properties – both new build and retrofit.

We also create complete systems through the Polypipe Advantage Off-site Prefabrication Service. Advantage solutions are customised to specific project requirements, manufactured under controlled factory conditions and delivered pre-tested, ready for on-site installation or incorporation within prefabricated units.

For over 60 years our Terrain brand has been the industry benchmark for drainage systems, and now our award-winning MecFlow Supply Systems range is delivering new advances in water supply. MecFlow delivers a complete plantroom to apartment solution. MecFlow Fusion is a robust WRAS approved PP-RCT system, with a B-s1, d0\* fire rating, designed specifically for boosted cold water, low temperature hot water, chilled water and heating applications.

MecFlow Press is engineered for potable, hot & cold plumbing and heating installations, based on a multi-layer composite pipe material with innovative, flow-optimised fittings.

Whether your requirement is a single component or a complete fully customised system, we have the design, fabrication and testing capabilities together with the specialist advice and customer support needed to ensure that your project is a success.

As part of the Genuit Group, Polypipe Building Services is focused on making the built environment more sustainable - thereby creating a more resilient society and planet. At Genuit, sustainability is core to our commercial strategy, driving innovation in both how we run our business and the products we create.

We find solutions for the environmental challenges facing our infrastructure, our buildings and our communities, and deliver these at scale.

\*Fire classification rating according to EN13501, installed according to building regulations.

Part of the  **GENUIT**  
GROUP



|   |                           |         |
|---|---------------------------|---------|
| MecFlow Supply Systems:                         |                           | 5 - 29  |
| Fusion  | 3000 PPR-CT Fusion        | 5 - 19  |
| Press   | 8000 Press                | 21 - 29 |
| Terrain Soil and Waste:                         |                           | 30 - 50 |
| Soil Systems:                                   | 100 PVC Solvent Weld      | 33 - 36 |
|   | 100P PVC Push-fit         | 37 - 39 |
| Waste Systems:                                  | 200 PVC Solvent Weld      | 40 - 42 |
|   | 300 PP Push-fit           | 42 - 43 |
|   | 600 ABS Solvent Waste     | 43 - 44 |
| Overflow:                                       | 500 PVC Solvent Weld      | 45      |
| Traps:  | 400 PP Threaded           | 46      |
| WC Pan Connectors:                              | 490 Push-fit              | 47      |
| Soil and Waste Accessories                      |                           | 48      |
| Terrain FUZE:                                   |                           | 53 - 70 |
|   | Stax                      | 57 - 58 |
|   | 900 HDPE                  | 58 - 68 |
| Terrain P.A.P.A. and Pleura Vent System         |                           | 73      |
| Terrain Q:                                      | 700P Acoustic PP Push-fit | 75 - 79 |
| Underground:                                    | PVCu Push-fit             | 81 - 85 |
| Standards, Certification and Technical Services |                           | 86 - 89 |
| Terms & Conditions                              |                           | 90 - 94 |



**MECFLOW****FUSION**

# TOUGHEN UP!

**With  
MecFlow Fusion  
Manifolds.**

**MecFlow Fusion Manifolds are the most effective solution for taking a water supply off the riser.**

Fully prefabricated, they deliver fast installation with the reliability of precision-designed components manufactured under factory conditions.

Available off-the-shelf in a wide range of sizes and configurations, bespoke versions are also available to match the most specialised system brief.

MecFlow Fusion Manifolds are made from the same robust PP-RCT material as the rest of the MecFlow Fusion range and carry a B-s1, d0\* fire rating, so they're tough enough to handle any supply installation.

To find out more, scan QR code or visit [www.polypipebuildingservices.com](http://www.polypipebuildingservices.com)



\*Fire classification rating according to EN13501, installed according to building regulations.

# MecFlow Fusion



## Introduction

MecFlow Fusion is a multi-layer, WRAS approved, PP-RCT system with a material formulation designed for strength and durability that achieves a fire classification rating of B-s1, d0\*; making it ideal for boosted cold water, low temperature hot water, chilled water and heating systems in healthcare, leisure, multi occupancy and high-rise building projects.

The range is available for self-assembly, or as pre-assembled sections through our Advantage service with the added benefit of our unique CLICKWELD™ electrofusion jointing method.

### The pipe has three layers:

The inner white layer incorporates anti-microbial protection, preventing biofilm build-up and has a high resistance to rigorous disinfection processes, heat and fluctuating temperatures.

The intermediate layer benefits from the addition of microfibres set in a mesh formation, working to reduce thermal expansion, which along with several other additives, increases the mechanical resistance of the system.

Finally, the outer layer is UV stabilised and abrasion resistant, contributing to the system's robust construction.

Fittings are moulded from PP-RCT or fabricated from MecFlow Fusion Pipe (dependent on diameter), with all threaded adaptors made from dezincification resistant (DZR) brass, ensuring performance over the installation's lifetime.

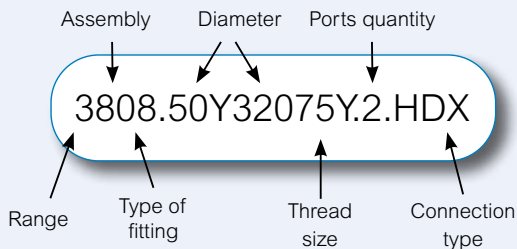
The system is available in a wide range of diameters from 20mm – 315mm, and uses known and trusted welding techniques including electrofusion, CLICKWELD™, socket and butt welding (diameter dependent) to install.

MecFlow Fusion - the optimal solution for running supply pipework up risers, along corridors or to plant equipment.

\*Fire classification rating according to EN13501, installed according to building regulations.

# MecFlow Supply Systems

## A Guide to the MecFlow Fusion Manifolds Product Coding System



### Range Series

3000 = MecFlow Fusion

### Assembly

800 = Fabricated Product

### Type of Fitting

08 = Manifold

18 = Manifold

### Thread Sizes

075 =  $\frac{3}{4}$ " BSP

### Manifold Connection Type

D = Drain

H = Horizontal

V = Vertical

X = Female

Y = Male

### Code Spacers

"," and "X"

Used in product codes to split pipe series, diameter and angle references.

Products marked in the product listings are:

 - Available in .DWG file format.

















































 - Available in .RFA and .ADSK file format.

These files are ready to incorporate into design drawings. If you would like the files in the relevant format, simply contact the Advantage Team on 01622 795200 or email [commercialenquiries@polypipe.com](mailto:commercialenquiries@polypipe.com).



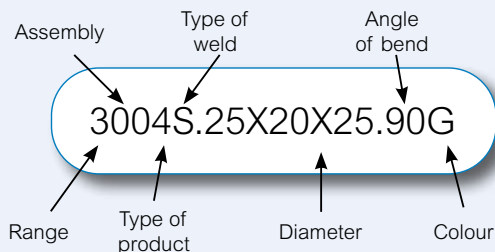
BSI kitemark certified

## MecFlow Supply Systems - 3000 Fusion

|   | Size mm                                       | Ports | Col   | Pack/<br>Box | Code | Price<br>Each         |           |
|---|---|-------|---|--------------|------|-----------------------|-----------|
| Manifolds- Horizontal - Drain, Male Thread  |   |       |   |              |      |                       |           |
|    | 1½"/50¾"                                      | 2     |    | G            | 1    | 3808.50Y32075Y.2.HDX  | £881.17   |
|   | 1½"/50¾"                                      | 3     |    | G            | 1    | 3808.50Y32075Y.3.HDX  | £1,131.49 |
|   | 1½"/50¾"                                      | 4     |    | G            | 1    | 3808.50Y32075Y.4.HDX  | £1,305.54 |
|   | 1½"/50¾"                                      | 5     |    | G            | 1    | 3808.50Y32075Y.5.HDX  | £1,555.91 |
|   | 1½"/50¾"                                      | 6     |    | G            | 1    | 3808.50Y32075Y.6.HDX  | £1,729.95 |
|   | 1½"/50¾"                                      | 7     |    | G            | 1    | 3808.50Y32075Y.7.HDX  | £1,980.28 |
|   | 1½"/50¾"                                      | 8     |    | G            | 1    | 3808.50Y32075Y.8.HDX  | £2,154.36 |
|   | 1½"/50¾"                                      | 9     |    | G            | 1    | 3808.50Y32075Y.9.HDX  | £2,073.54 |
|   | 1½"/50¾"                                      | 10    |    | G            | 1    | 3808.50Y32075Y.10.HDX | £2,247.43 |
|   | 1½"/50¾"                                      | 11    |    | G            | 1    | 3808.50Y32075Y.11.HDX | £2,466.18 |
|   | 1½"/50¾"                                      | 12    |    | G            | 1    | 3808.50Y32075Y.12.HDX | £2,608.72 |
|   | Manifolds- Horizontal - No Drain, Male Thread |       |   |              |      |                       |           |
|    | 1½"/50¾"                                      | 2     |    | G            | 1    | 3818.50Y32075Y.2.HX   | £842.62   |
|   | 1½"/50¾"                                      | 3     |    | G            | 1    | 3818.50Y32075Y.3.HX   | £1,092.95 |
|   | 1½"/50¾"                                      | 4     |    | G            | 1    | 3818.50Y32075Y.4.HX   | £1,266.99 |
|   | 1½"/50¾"                                      | 5     |    | G            | 1    | 3818.50Y32075Y.5.HX   | £1,517.31 |
|   | 1½"/50¾"                                      | 6     |    | G            | 1    | 3818.50Y32075Y.6.HX   | £1,691.40 |
|   | 1½"/50¾"                                      | 7     |    | G            | 1    | 3818.50Y32075Y.7.HX   | £1,941.72 |
|   | 1½"/50¾"                                      | 8     |    | G            | 1    | 3818.50Y32075Y.8.HX   | £1,847.59 |
|   | 1½"/50¾"                                      | 9     |    | G            | 1    | 3818.50Y32075Y.9.HX   | £2,034.98 |
|   | 1½"/50¾"                                      | 10    |    | G            | 1    | 3818.50Y32075Y.10.HX  | £2,208.89 |
|   | 1½"/50¾"                                      | 11    |    | G            | 1    | 3818.50Y32075Y.11.HX  | £2,427.64 |
|   | 1½"/50¾"                                      | 12    |    | G            | 1    | 3818.50Y32075Y.12.HX  | £2,570.12 |
|   | Manifolds- Vertical - Drain, Male Thread      |       |   |              |      |                       |           |
|   | 1½"/50¾"                                      | 2     |    | G            | 1    | 3808.50Y32075Y.2.VDX  | £800.20   |
|   | 1½"/50¾"                                      | 3     |    | G            | 1    | 3808.50Y32075Y.3.VDX  | £1,050.53 |
|   | 1½"/50¾"                                      | 4     |    | G            | 1    | 3808.50Y32075Y.4.VDX  | £1,224.56 |
|   | 1½"/50¾"                                      | 5     |    | G            | 1    | 3808.50Y32075Y.5.VDX  | £1,474.88 |
|   | 1½"/50¾"                                      | 6     |    | G            | 1    | 3808.50Y32075Y.6.VDX  | £1,648.98 |
|   | 1½"/50¾"                                      | 7     |    | G            | 1    | 3808.50Y32075Y.7.VDX  | £1,899.30 |
|   | 1½"/50¾"                                      | 8     |   | G            | 1    | 3808.50Y32075Y.8.VDX  | £1,805.17 |
|   | 1½"/50¾"                                      | 9     |  | G            | 1    | 3808.50Y32075Y.9.VDX  | £1,992.56 |
|   | 1½"/50¾"                                      | 10    |  | G            | 1    | 3808.50Y32075Y.10.VDX | £2,166.42 |
|   | 1½"/50¾"                                      | 11    |  | G            | 1    | 3808.50Y32075Y.11.VDX | £2,385.22 |
|   | 1½"/50¾"                                      | 12    |  | G            | 1    | 3808.50Y32075Y.12.VDX | £2,527.70 |
|   | Manifolds- Vertical - No Drain, Male Thread   |       |   |              |      |                       |           |
|  | 1½"/50¾"                                      | 2     |  | G            | 1    | 3818.50Y32075Y.2.VX   | £761.61   |
|   | 1½"/50¾"                                      | 3     |  | G            | 1    | 3818.50Y32075Y.3.VX   | £1,011.97 |
|   | 1½"/50¾"                                      | 4     |  | G            | 1    | 3818.50Y32075Y.4.VX   | £1,186.03 |
|   | 1½"/50¾"                                      | 5     |  | G            | 1    | 3818.50Y32075Y.5.VX   | £1,436.33 |
|   | 1½"/50¾"                                      | 6     |  | G            | 1    | 3818.50Y32075Y.6.VX   | £1,610.38 |
|   | 1½"/50¾"                                      | 7     |  | G            | 1    | 3818.50Y32075Y.7.VX   | £1,860.75 |
|   | 1½"/50¾"                                      | 8     |  | G            | 1    | 3818.50Y32075Y.8.VX   | £1,766.58 |
|   | 1½"/50¾"                                      | 9     |  | G            | 1    | 3818.50Y32075Y.9.VX   | £1,954.01 |
|   | 1½"/50¾"                                      | 10    |  | G            | 1    | 3818.50Y32075Y.10.VX  | £2,127.87 |
|   | 1½"/50¾"                                      | 11    |  | G            | 1    | 3818.50Y32075Y.11.VX  | £2,346.67 |
|   | 1½"/50¾"                                      | 12    |  | G            | 1    | 3818.50Y32075Y.12.VX  | £2,489.15 |

Bespoke MecFlow Fusion Manifolds are available via the Advantage Team. Examples of bespoke options include 63mm for sprinkler applications, port length and/or angle changes and straight ends. Please contact the Advantage Team to discuss your requirements.

## A Guide to the MecFlow Fusion Pipe and Fittings Product Coding System



### Range Series

3000 = Mecflow Fusion

### Assembly

000 = Single Product

### Type of Product

- 00 = Pipe
- 01 = Elbow
- 04 = Tee & Tee Reducing
- 10 = Electrofusion Coupling
- 11 = Double Socket
- 16 = Threaded Adaptor Female
- 17 = Threaded Adaptor Male
- 19 = Threaded Adaptor Loose Nut
- 24 = Reducer
- 57 = Threaded Adaptor Union Male
- 58 = Threaded Adaptor Union Female
- 80 = Stub Flange
- 81 = Backing Ring
- 82 = Seal
- 83 = Blanking Flange

### Type of Weld

- B = Butt Weld
- S = Socket Weld

### Pipe Series

3 & 5 = Pipe Wall Type, required for correct alignment of butt welded joints.

### Diameters

- 20 = 20mm Pipe O/D
- 25 = 25mm Pipe O/D
- 32 = 32mm Pipe O/D
- 40 = 40mm Pipe O/D
- 50 = 50mm Pipe O/D
- 63 = 63mm Pipe O/D
- 75 = 75mm Pipe O/D
- 90 = 90mm Pipe O/D
- 110 = 110mm Pipe O/D
- 125 = 125mm Pipe O/D
- 160 = 160mm Pipe O/D
- 200 = 200mm Pipe O/D
- 250 = 250mm Pipe O/D
- 315 = 315mm Pipe O/D

### Thread Sizes

- 05 = ½" BSP
- 075 = ¾" BSP
- 1 = 1" BSP
- 125 = 1¼" BSP
- 15 = 1½" BSP
- 2 = 2" BSP
- 25 = 2½" BSP
- 3 = 3" BSP
- 4 = 4" BSP

### Length

- 40 = 4m
- 58 = 5.8m

### Angle

- 45 = 45°
- 90 = 90°

### Colour

- B = Black
- G = Grey
- S = Metal/PVC

### Pressure Rating

25PN = PN25 (25Bar)

### Code Spacers

"," and "X"  
Used in product codes to split pipe series, diameter and angle references.



BSI kitemark certified


Products marked in the product listings are:

- Available in .DWG file format. - Available in .RFA and .ADSK file format.

These files are ready to incorporate into design drawings. If you would like the files in the relevant format, simply contact the Advantage Team on 01622 795200 or email [commercialenquiries@polypipe.com](mailto:commercialenquiries@polypipe.com).



## MecFlow Supply Systems - 3000 Fusion

|   | Size mm     | Angle | Col | Pack/<br>Box | Code           | Price<br>Each |
|---|-------------|-------|-----|--------------|----------------|---------------|
| <b>Pipe</b>   |             |       |     |              |                |               |
|  | Plain Ended |       |     |              |                |               |
|   | 20 (4m)     | 90°   | G   | -            | 3000.3.20.40G  | £41.31        |
|   | 25 (4m)     | 90°   | G   | -            | 3000.3.25.40G  | £64.68        |
|   | 32 (4m)     | 90°   | G   | -            | 3000.3.32.40G  | £77.59        |
|   | 40 (4m)     | 90°   | G   | -            | 3000.5.40.40G  | £139.23       |
|   | 50 (4m)     | 90°   | G   | -            | 3000.5.50.40G  | £169.26       |
|   | 63 (4m)     | 90°   | G   | -            | 3000.5.63.40G  | £226.13       |
|   | 75 (4m)     | 90°   | G   | -            | 3000.5.75.40G  | £298.72       |
|   | 90 (4m)     | 90°   | G   | -            | 3000.5.90.40G  | £422.09       |
|   | 110 (4m)    | 90°   | G   | -            | 3000.5.110.40G | £582.50       |
|   | 125 (5.8m)  | 90°   | G   | -            | 3000.5.125.58G | £1,100.59     |
|   | 160 (5.8m)  | 90°   | G   | -            | 3000.5.160.58G | £1,648.24     |
|   | 200 (5.8m)  | 90°   | G   | -            | 3000.5.200.58G | £3,694.65     |
|   | 250 (5.8m)  | 90°   | G   | -            | 3000.5.250.58G | £5,943.80     |
|   | 315 (5.8m)  | 90°   | G   | -            | 3000.5.315.58G | £9,250.84     |



### Electrofusion Coupler

Double Socket - Electrofusion



|     |     |   |   |           |           |
|-----|-----|---|---|-----------|-----------|
| 20  | 90° | G | - | 3010.20G  | £45.55    |
| 25  | 90° | G | - | 3010.25G  | £48.16    |
| 32  | 90° | G | - | 3010.32G  | £70.97    |
| 40  | 90° | G | - | 3010.40G  | £92.09    |
| 50  | 90° | G | - | 3010.50G  | £105.96   |
| 63  | 90° | G | - | 3010.63G  | £122.82   |
| 75  | 90° | G | - | 3010.75G  | £171.62   |
| 90  | 90° | G | - | 3010.90G  | £203.24   |
| 110 | 90° | G | - | 3010.110G | £237.84   |
| 125 | 90° | G | - | 3010.125G | £353.25   |
| 160 | 90° | G | - | 3010.160G | £542.60   |
| 200 | 90° | G | - | 3010.200G | £838.14   |
| 250 | 90° | G | - | 3010.250G | £1,695.42 |
| 315 | 90° | G | - | 3010.315G | £2,350.13 |

### Double Socket





































Double Socket - Socket Weld
















































|     |     |   |   |            |         |
|-----|-----|---|---|------------|---------|
| 20  | 90° | G | - | 3011S.20G  | £1.24   |
| 25  | 90° | G | - | 3011S.25G  | £1.59   |
| 32  | 90° | G | - | 3011S.32G  | £4.81   |
| 40  | 90° | G | - | 3011S.40G  | £7.12   |
| 50  | 90° | G | - | 3011S.50G  | £12.89  |
| 63  | 90° | G | - | 3011S.63G  | £16.53  |
| 75  | 90° | G | - | 3011S.75G  | £33.50  |
| 90  | 90° | G | - | 3011S.90G  | £53.19  |
| 110 | 90° | G | - | 3011S.110G | £75.34  |
| 125 | 90° | G | - | 3011S.125G | £116.00 |

# MecFlow Supply Systems

## MecFlow Supply Systems - 3000 Fusion

|   | Size mm                     | Angle | Col   | Pack/<br>Box | Code | Price<br>Each   |           |
|---|-----------------------------|-------|---|--------------|------|-----------------|-----------|
| Elbow 45°   |                             |       |   |              |      |                 |           |
|    | Double Socket - Socket Weld |       |   |              |      |                 |           |
|   | 20                          | 45    |    | G            | -    | 3001S.20.45G    | £2.21     |
|   | 25                          | 45    |    | G            | -    | 3001S.25.45G    | £2.79     |
|   | 32                          | 45    |    | G            | -    | 3001S.32.45G    | £5.91     |
|   | 40                          | 45    |    | G            | -    | 3001S.40.45G    | £15.19    |
|   | 50                          | 45    |    | G            | -    | 3001S.50.45G    | £27.71    |
|   | 63                          | 45    |    | G            | -    | 3001S.63.45G    | £36.23    |
|   | 75                          | 45    |    | G            | -    | 3001S.75.45G    | £53.19    |
|   | 90                          | 45    |    | G            | -    | 3001S.90.45G    | £106.37   |
|   | 110                         | 45    |    | G            | -    | 3001S.110.45G   | £138.45   |
|    | 125                         | 45    |    | G            | -    | 3001S.125.45G   | £222.55   |
|   | Plain End - Butt Weld       |       |   |              |      |                 |           |
|   | 160                         | 45    |   | G            | -    | 3001B.5.160.45G | £359.80   |
|   | 200                         | 45    |   | G            | -    | 3001B.5.200.45G | £632.53   |
|   | 250                         | 45    |   | G            | -    | 3001B.5.250.45G | £1,049.51 |
|   | 315                         | 45    |   | G            | -    | 3001B.5.315.45G | £2,062.35 |
| Elbow 90°   |                             |       |   |              |      |                 |           |
|    | Double Socket - Socket Weld |       |   |              |      |                 |           |
|   | 20                          | 90    |    | G            | -    | 3001S.20.90G    | £1.40     |
|   | 25                          | 90    |    | G            | -    | 3001S.25.90G    | £2.21     |
|   | 32                          | 90    |    | G            | -    | 3001S.32.90G    | £5.91     |
|   | 40                          | 90    |    | G            | -    | 3001S.40.90G    | £13.80    |
|   | 50                          | 90    |    | G            | -    | 3001S.50.90G    | £23.74    |
|   | 63                          | 90    |    | G            | -    | 3001S.63.90G    | £31.14    |
|   | 75                          | 90    |    | G            | -    | 3001S.75.90G    | £53.40    |
|   | 90                          | 90    |    | G            | -    | 3001S.90.90G    | £101.05   |
|   | 110                         | 90    |    | G            | -    | 3001S.110.90G   | £166.06   |
|   | 125                         | 90    |    | G            | -    | 3001S.125.90G   | £227.47   |
|   | Plain End - Butt Weld       |       |   |              |      |                 |           |
|   | 160                         | 90    |   | G            | -    | 3001B.5.160.90G | £433.09   |
|   | 200                         | 90    |   | G            | -    | 3001B.5.200.90G | £850.79   |
|   | 250                         | 90    |   | G            | -    | 3001B.5.250.90G | £1,407.28 |
|   | 315                         | 90    |   | G            | -    | 3001B.5.315.90G | £3,091.28 |
| Tee   |                             |       |   |              |      |                 |           |
|  | Triple Socket - Socket Weld |       |   |              |      |                 |           |
|   | 20                          | 90    |  | G            | -    | 3004S.20.90G    | £1.90     |
|   | 25                          | 90    |  | G            | -    | 3004S.25.90G    | £2.48     |
|   | 32                          | 90    |  | G            | -    | 3004S.32.90G    | £8.37     |
|   | 40                          | 90    |  | G            | -    | 3004S.40.90G    | £10.89    |
|   | 50                          | 90    |  | G            | -    | 3004S.50.90G    | £15.12    |
|   | 63                          | 90    |  | G            | -    | 3004S.63.90G    | £28.57    |
|   | 75                          | 90    |  | G            | -    | 3004S.75.90G    | £106.00   |
|   | 90                          | 90    |  | G            | -    | 3004S.90.90G    | £150.95   |
|   | 110                         | 90    |  | G            | -    | 3004S.110.90G   | £226.74   |
|  | 125                         | 90    |  | G            | -    | 3004S.125.90G   | £300.93   |
|   | Triple Spigot - Butt Weld   |       |   |              |      |                 |           |
|   | 160                         | 90    |   | G            | -    | 3004B.5.160.90G | £616.31   |
|   | 200                         | 90    |   | G            | -    | 3004B.5.200.90G | £1,128.49 |
|   | 250                         | 90    |   | G            | -    | 3004B.5.250.90G | £1,853.26 |
|   | 315                         | 90    |   | G            | -    | 3004B.5.315.90G | £3,188.48 |





























## MecFlow Supply Systems - 3000 Fusion

|   | Size mm   | Angle  | Col   | Pack/<br>Box  | Code | Price<br>Each           |                    |
|---|---|--------|---|---|------|-------------------------|--------------------|
| Reducing Tee  |   |        |   |   |      |                         |                    |
|    | Triple Socket - Socket Weld   |        |   |   |      |                         |                    |
|   | 25/20   | 90     |    | G   | -    | 3004S.25X20X25.90G      | £2.86              |
|   | 32/20   | 90     |    | G   | -    | 3004S.32X20X32.90G      | £5.50              |
|   | 32/25   | 90     |    | G   | -    | 3004S.32X25X32.90G      | £4.81              |
|   | 40/20   | 90     |    | G   | -    | 3004S.40X20X40.90G      | £8.20              |
|   | 40/25   | 90     |    | G   | -    | 3004S.40X25X40.90G      | £8.29              |
|   | 40/32   | 90     |    | G   | -    | 3004S.40X32X40.90G      | £15.55             |
|   | 50/25   | 90     |    | G   | -    | 3004S.50X25X50.90G      | £18.53             |
|   | 50/32   | 90     |    | G   | -    | 3004S.50X32X50.90G      | £28.98             |
|   | 50/40   | 90     |    | G   | -    | 3004S.50X40X50.90G      | £28.98             |
|   | 63/32   | 90     |    | G   | -    | 3004S.63X32X63.90G      | £48.78             |
|   | 63/40   | 90     |    | G   | -    | 3004S.63X40X63.90G      | £48.78             |
|   | 63/50   | 90     |    | G   | -    | 3004S.63X50X63.90G      | £37.50             |
|   | 75/32   | 90     |    | G   | -    | 3004S.75X32X75.90G      | £58.04             |
|   | 75/40   | 90     |    | G   | -    | 3004S.75X40X75.90G      | £58.04             |
|   | 75/50   | 90     |    | G   | -    | 3004S.75X50X75.90G      | £58.04             |
|   |    | 75/63  | 90  |    | G    | -                       | 3004S.75X63X75.90G |
| 90/50   |   | 90     |    | G   | -    | 3004S.90X50X90.90G      | £81.76             |
| 90/63   |   | 90     |    | G   | -    | 3004S.90X63X90.90G      | £81.76             |
| 90/75   |   | 90     |    | G   | -    | 3004S.90X75X90.90G      | £81.76             |
| 110/63  |   | 90     |    | G   | -    | 3004S.110X63X110.90G    | £129.91            |
| 110/75  |   | 90     |    | G   | -    | 3004S.110X75X110.90G    | £184.46            |
| 110/90  |   | 90     |    | G   | -    | 3004S.110X90X110.90G    | £226.74            |
| Triple Spigot - Butt Weld   |   |        |   |   |      |                         |                    |
| 160/110   |   | 90     |   | G   | -    | 3004B.5.160X110X160.90G | £508.19            |
| 160/125   |   | 90     |   | G   | -    | 3004B.5.160X125X160.90G | £540.06            |
|    | 200/125   | 90     |   | G   | -    | 3004B.5.200X125X200.90G | £626.54            |
|   | 200/160   | 90     |   | G   | -    | 3004B.5.200X160X200.90G | £974.24            |
|   | 250/160   | 90     |   | G   | -    | 3004B.5.250X160X250.90G | £1,436.21          |
|   | 250/200   | 90     |   | G   | -    | 3004B.5.250X200X250.90G | £1,642.94          |
|   | 315/160   | 90     |   | G   | -    | 3004B.5.315X160X315.90G | £2,146.51          |
|   | 315/200   | 90     |   | G   | -    | 3004B.5.315X200X315.90G | £2,236.74          |
|   | Reducer   |        |   |   |      |                         |                    |
| Spigot / Socket - Socket Weld   |   |        |   |   |      |                         |                    |
|  | 25/20   |        |  | G   | -    | 3024S.25X20G            | £1.47              |
|   | 32/20   |        |  | G   | -    | 3024S.32X20G            | £1.86              |
|   | 32/25   |        |  | G   | -    | 3024S.32X25G            | £1.86              |
|   | 40/25   |        |  | G   | -    | 3024S.40X25G            | £3.95              |
|   | 40/32   |        |  | G   | -    | 3024S.40X32G            | £7.77              |
|   | 50/32   |        |  | G   | -    | 3024S.50X32G            | £11.63             |
|   | 50/40   |        |  | G   | -    | 3024S.50X40G            | £12.21             |
|   | 63/32   |        |  | G   | -    | 3024S.63X32G            | £15.03             |
|   | 63/40   |        |  | G   | -    | 3024S.63X40G            | £16.53             |
|   | 63/50   |        |  | G   | -    | 3024S.63X50G            | £18.18             |
|   | 75/32   |        |  | G   | -    | 3024S.75X32G            | £24.24             |
|   | 75/40   |        |  | G   | -    | 3024S.75X40G            | £27.39             |
|   | 75/50   |        |  | G   | -    | 3024S.75X50G            | £28.02             |
|   | 75/63   |        |  | G   | -    | 3024S.75X63G            | £28.02             |
|   | 90/63   |        |  | G   | -    | 3024S.90X63G            | £42.55             |
|   | 90/75   |        |  | G   | -    | 3024S.90X75G            | £42.55             |
|   |  | 110/50 |   |  | G    | -                       | 3024S.110X50G      |
| 110/63  |   |        |  | G   | -    | 3024S.110X63G           | £100.94            |
| continued on next page  |   |        |   |   |      |                         |                    |





































continued on next page

# MecFlow Supply Systems

## MecFlow Supply Systems - 3000 Fusion













































|   | Size mm   | Angle   | Col   | Pack/<br>Box | Code             | Price<br>Each    |        |
|---|-----------|---|---|--------------|------------------|------------------|--------|
| Reducer   |           |   |   |              |                  |                  |        |
|    | 110/75    |    | G   | -            | 3024S.110X75G    | £100.94          |        |
|   | 110/90    |    | G   | -            | 3024S.110X90G    | £101.66          |        |
|   | 125/50    |    | G   | -            | 3024S.125X50G    | £130.28          |        |
|   | 125/110   |    | G   | -            | 3024S.125X110G   | £146.98          |        |
|   | 160/125   |    | G   | -            | 3024S.160X125G   | £422.70          |        |
| Double Spigot - Butt Weld   |           |   |   |              |                  |                  |        |
|    | 200/125   |   | G   | -            | 3024B.5.200X125G | £329.40          |        |
|   | 200/160   |   | G   | -            | 3024B.5.200X160G | £344.05          |        |
|   | 250/160   |   | G   | -            | 3024B.5.250X160G | £461.14          |        |
|   | 250/200   |   | G   | -            | 3024B.5.250X200G | £507.73          |        |
|   | 315/200   |   | G   | -            | 3024B.5.315X200G | £1,387.00        |        |
|   | 315/250   |   | G   | -            | 3024B.5.315X250G | £1,490.00        |        |
| Threaded Adaptor  |           |   |   |              |                  |                  |        |
| Threaded Adaptor - Socket Weld to Female BSP  |           |   |   |              |                  |                  |        |
|    | 20/1/2"   |    | G   | -            | 3016S.20X05G     | £12.54           |        |
|   | 25/1/2"   |    | G   | -            | 3016S.25X05G     | £13.03           |        |
|   | 25/3/4"   |    | G   | -            | 3016S.25X075G    | £17.72           |        |
|   | 32/3/4"   |    | G   | -            | 3016S.32X075G    | £28.65           |        |
| Threaded Adaptor - Socket Weld to Female Hex Nut BSP                                |           |   |   |              |                  |                  |        |
|    | 32/1"     |    | G   | -            | 3016S.32X1G      | £48.47           |        |
|   | 40/1 1/4" |    | G   | -            | 3016S.40X125G    | £71.66           |        |
|   | 50/1 1/2" |    | G   | -            | 3016S.50X15G     | £107.25          |        |
|   | 63/2"     |    | G   | -            | 3016S.63X2G      | £174.71          |        |
|   | 75/2 1/2" |    | G   | -            | 3016S.75X25G     | £314.45          |        |
|   | 90/3"     |    | G   | -            | 3016S.90X3G      | £495.42          |        |
|   | 110/4"    |    | G   | -            | 3016S.110X4G     | £644.65          |        |
| Threaded Adaptor - Elbow, Socket Weld to Female BSP                                 |           |   |   |              |                  |                  |        |
|   | 32/3/4"   | 90  |  | G            | -                | 3016S.32X075.90G | £25.18 |
| Threaded Adaptor - Elbow, Socket Weld to Female Hex Nut BSP                         |           |   |   |              |                  |                  |        |
|  | 32/1"     |  |   |              | 3016S.32X1.90G   | £51.87           |        |
| Threaded Adaptor - Socket Weld to Male BSP  |           |   |   |              |                  |                  |        |
|  | 20/1/2"   |  | G   | -            | 3017S.20X05G     | £15.79           |        |
|   | 25/1/2"   |  | G   | -            | 3017S.25X05G     | £16.67           |        |
|   | 25/3/4"   |  | G   | -            | 3017S.25X075G    | £22.75           |        |

## MecFlow Supply Systems - 3000 Fusion

|   | Size mm   | Angle   | Col   | Pack/<br>Box | Code          | Price<br>Each    |        |
|---|-----------|---|---|--------------|---------------|------------------|--------|
| Threaded Adaptor  |           |   |   |              |               |                  |        |
| Threaded Adaptor - Socket Weld to Male Hex Nut BSP                                  |           |   |   |              |               |                  |        |
|    | 32/3/4"   |    | G   | -            | 3017S.32X075G | £43.78           |        |
|   | 32/1"     |    | G   | -            | 3017S.32X1G   | £61.28           |        |
|   | 40/1 1/4" |    | G   | -            | 3017S.40X125G | £129.05          |        |
|   | 50/1 1/2" |    | G   | -            | 3017S.50X15G  | £181.68          |        |
|   | 63/2"     |    | G   | -            | 3017S.63X2G   | £235.11          |        |
|   | 75/2 1/2" |    | G   | -            | 3017S.75X25G  | £391.84          |        |
|   | 90/3"     |    | G   | -            | 3017S.90X3G   | £658.29          |        |
|   | 110/4"    |    | G   | -            | 3017S.110X4G  | £1,017.51        |        |
| Threaded Adaptor - Elbow, Socket Weld to Male BSP                                   |           |   |   |              |               |                  |        |
|    | 32/3/4"   | 90  |  | G            | -             | 3017S.32X075.90G | £27.59 |
| Threaded Adaptor - Elbow, Socket Weld to Male Hex Nut BSP                           |           |   |   |              |               |                  |        |
|    | 32/1"     | 90  |  | G            | -             | 3017S.32X1.90G   | £55.08 |
| Threaded Adaptor - Union, Socket Weld to Female Loose Nut BSP                       |           |   |   |              |               |                  |        |
|    | 32/1"     |    | G   | -            | 3019S.32X1G   | £66.84           |        |
|   | 32/1 1/4" |    | G   | -            | 3019S.32X125G | £106.60          |        |
| Threaded Adaptor - Union, Socket Weld to Male Hex Nut BSP                           |           |   |   |              |               |                  |        |
|   | 20/1 1/2" |    | G   | -            | 3057S.20X05G  | £30.09           |        |
|   | 25/3/4"   |    | G   | -            | 3057S.25X075G | £50.56           |        |
|   | 32/1"     |   | G   | -            | 3057S.32X1G   | £65.87           |        |
|   | 40/1 1/4" |  | G   | -            | 3057S.40X125G | £89.61           |        |
|   | 50/1 1/2" |  | G   | -            | 3057S.50X15G  | £156.32          |        |
|   | 63/2"     |  | G   | -            | 3057S.63X2G   | £261.11          |        |
|   | 75/2 1/2" |  | G   | -            | 3057S.75X25G  | £490.22          |        |
|   | 90/3"     |  | G   | -            | 3057S.90X3G   | £1,159.58        |        |
|   | 110/4"    |  | G   | -            | 3057S.110X4G  | £1,464.68        |        |
| Threaded Adaptor - Union, Socket Weld to Female Hex Nut BSP                         |           |   |   |              |               |                  |        |
|  | 20/1 1/2" |  | G   | -            | 3058S.20X05G  | £32.53           |        |
|   | 25/3/4"   |  | G   | -            | 3058S.25X075G | £46.53           |        |
|   | 32/1"     |  | G   | -            | 3058S.32X1G   | £67.64           |        |
|   | 40/1 1/4" |  | G   | -            | 3058S.40X125G | £95.67           |        |
|   | 50/1 1/2" |  | G   | -            | 3058S.50X15G  | £143.99          |        |
|   | 63/2"     |  | G   | -            | 3058S.63X2G   | £249.54          |        |
|   | 75/2 1/2" |  | G   | -            | 3058S.75X25G  | £443.06          |        |
|   | 90/3"     |  | G   | -            | 3058S.90X3G   | £845.26          |        |
|   | 110/4"    |  | G   | -            | 3058S.110X4G  | £1,071.67        |        |

# MecFlow Supply Systems

## MecFlow Supply Systems - 3000 Fusion





































|   | Size mm | Col   | Pack/<br>Box | Code | Price<br>Each |        |
|---|---------|---|--------------|------|---------------|--------|
| Saddle  |         |   |              |      |               |        |
| Saddle / Spigot - Saddle Weld / Socket Weld                                       |         |   |              |      |               |        |
|  | 50/20   |    | G            | -    | 3054.50X20G   | £13.61 |
|   | 50/25   |    | G            | -    | 3054.50X25G   | £14.66 |
|   | 50/32   |    | G            | -    | 3054.50X32G   | £15.51 |
|   | 63/20   |    | G            | -    | 3054.63X20G   | £13.61 |
|   | 63/25   |    | G            | -    | 3054.63X25G   | £15.51 |
|   | 63/32   |    | G            | -    | 3054.63X32G   | £15.51 |
|   | 75/20   |    | G            | -    | 3054.75X20G   | £13.61 |
|   | 75/25   |    | G            | -    | 3054.75X25G   | £14.66 |
|   | 75/32   |    | G            | -    | 3054.75X32G   | £15.51 |
|   | 90/20   |    | G            | -    | 3054.90X20G   | £13.61 |
|   | 90/25   |    | G            | -    | 3054.90X25G   | £14.66 |
|   | 90/32   |    | G            | -    | 3054.90X32G   | £15.51 |
|   | 90/40   |    | G            | -    | 3054.90X40G   | £27.08 |
|   | 90/50   |    | G            | -    | 3054.90X50G   | £30.41 |
|   | 110/20  |    | G            | -    | 3054.110X20G  | £13.61 |
|   | 110/25  |    | G            | -    | 3054.110X25G  | £14.66 |
|   | 110/32  |    | G            | -    | 3054.110X32G  | £15.51 |
|   | 110/40  |    | G            | -    | 3054.110X40G  | £27.08 |
|   | 110/50  |    | G            | -    | 3054.110X50G  | £30.41 |
|   | 110/63  |    | G            | -    | 3054.110X63G  | £35.62 |
|  | 125/20  |    | G            | -    | 3054.125X20G  | £13.61 |
|   | 125/25  |    | G            | -    | 3054.125X25G  | £14.66 |
|   | 125/32  |    | G            | -    | 3054.125X32G  | £15.51 |
|   | 125/40  |    | G            | -    | 3054.125X40G  | £27.08 |
|   | 125/50  |    | G            | -    | 3054.125X50G  | £30.41 |
|   | 125/63  |    | G            | -    | 3054.125X63G  | £35.62 |
|   | 160/20  |    | G            | -    | 3054.160X20G  | £13.61 |
|   | 160/25  |    | G            | -    | 3054.160X25G  | £14.66 |
|   | 160/32  |    | G            | -    | 3054.160X32G  | £15.51 |
|   | 160/40  |    | G            | -    | 3054.160X40G  | £27.08 |
|   | 160/50  |  | G            | -    | 3054.160X50G  | £30.41 |
|   | 160/63  |  | G            | -    | 3054.160X63G  | £35.62 |
|   | 200/20  |  | G            | -    | 3054.200X20G  | £13.61 |
|   | 200/25  |  | G            | -    | 3054.200X25G  | £14.66 |
|   | 200/32  |  | G            | -    | 3054.200X32G  | £15.51 |
|   | 200/40  |  | G            | -    | 3054.200X40G  | £27.08 |
|   | 200/50  |  | G            | -    | 3054.200X50G  | £30.41 |
|   | 200/63  |  | G            | -    | 3054.200X63G  | £35.62 |
|   | 250/40  |  | G            | -    | 3054.250X40G  | £27.08 |
|   | 250/50  |  | G            | -    | 3054.250X50G  | £30.41 |
|   | 250/63  |  | G            | -    | 3054.250X63G  | £35.62 |
|   | 315/40  |  | G            | -    | 3054.315X40G  | £27.08 |
|   | 315/50  |  | G            | -    | 3054.315X50G  | £30.41 |
|   | 315/63  |  | G            | -    | 3054.315X63G  | £35.62 |

## MecFlow Supply Systems - 3000 Fusion

|   | Size mm  | PN rating | Col   | Pack/ Box   | Code | Price Each    |              |
|---|--|-----------|---|---|------|---------------|--------------|
| Stub Flange   |  |           |   |   |      |               |              |
|    | Socket - Socket Weld   |           |   |   |      |               |              |
|   | 40   | 16 & 25   |    | G   | -    | 3080S.40G     | £16.77       |
|   | 50   | 16 & 25   |    | G   | -    | 3080S.50G     | £23.08       |
|   | 63   | 16 & 25   |    | G   | -    | 3080S.63G     | £31.24       |
|   | 75   | 16 & 25   |    | G   | -    | 3080S.75G     | £40.53       |
|   | 90   | 16 & 25   |    | G   | -    | 3080S.90G     | £50.55       |
|   | 110  | 16 & 25   |    | G   | -    | 3080S.110G    | £78.82       |
|   | 125  | 16 & 25   |    | G   | -    | 3080S.125G    | £140.33      |
|    | Spigot - Butt Weld   |           |   |   |      |               |              |
|   | 160  | 16 & 25   |   | G   | -    | 3080B.5.160G  | £335.87      |
|   | 200  | 16 & 25   |   | G   | -    | 3080B.5.200G  | £231.64      |
|   | 250  | 16 & 25   |   | G   | -    | 3080B.5.250G  | £691.31      |
|   | 315  | 16 & 25   |   | G   | -    | 3080B.5.315G  | £887.26      |
| Backing Ring  |  |           |   |   |      |               |              |
|    | Fix with Nuts and Bolts  |           |   |   |      |               |              |
|   | 40   | 16        |    | G   | -    | 3081.40S      | £27.14       |
|   | 50   | 16        |    | G   | -    | 3081.50S      | £34.69       |
|   | 63   | 16        |    | G   | -    | 3081.63S      | £34.69       |
|   | 75   | 16        |    | G   | -    | 3081.75S      | £40.81       |
|   | 90   | 16        |    | G   | -    | 3081.90S      | £54.38       |
|   | 110  | 16        |    | G   | -    | 3081.110S     | £58.83       |
|   | 125  | 16        |    | G   | -    | 3081.125S     | £208.50      |
|   | 160  | 16        |    | G   | -    | 3081.160S     | £123.77      |
|   | 200  | 16        |    | G   | -    | 3081.200S     | £160.68      |
|   | 250  | 16        |    | G   | -    | 3081.250S     | £305.35      |
|   | 315  | 16        |    | G   | -    | 3081.315S     | £506.73      |
|   |  | 40        | 25  |  | G    | -             | 3081.40.25PN |
| 50  |  | 25        |    | G   | -    | 3081.50.25PN  | £568.22      |
| 63  |  | 25        |    | G   | -    | 3081.63.25PN  | £615.37      |
| 75  |  | 25        |    | G   | -    | 3081.75.25PN  | £675.75      |
| 90  |  | 25        |    | G   | -    | 3081.90.25PN  | £675.75      |
| 110   |  | 25        |   | G   | -    | 3081.110.25PN | £743.36      |
| 125   |  | 25        |  | G   | -    | 3081.125.25PN | £891.91      |
| 160   |  | 25        |  | G   | -    | 3081.160.25PN | £1,081.73    |
| 200   |  | 25        |  | G   | -    | 3081.200.25PN | £1,137.66    |
| 250   |  | 25        |  | G   | -    | 3081.250.25PN | £1,835.86    |
|   | 315  | 25        |  | G   | -    | 3081.315.25PN | £2,168.35    |
| Seal PN16 & PN25  |  |           |   |   |      |               |              |
|  | EPDM Seal  |           |   |   |      |               |              |
|   | 40   | 16 & 25   |  | G   | -    | 3082.40B      | £7.23        |
|   | 50   | 16 & 25   |  | G   | -    | 3082.50B      | £7.23        |
|   | 63   | 16 & 25   |  | G   | -    | 3082.63B      | £10.46       |
|   | 75   | 16 & 25   |  | G   | -    | 3082.75B      | £14.35       |
|   | 90   | 16 & 25   |  | G   | -    | 3082.90B      | £13.01       |
|   | 110  | 16 & 25   |  | G   | -    | 3082.110B     | £16.24       |
|   | 125  | 16 & 25   |  | G   | -    | 3082.125B     | £6.01        |
|   | 160  | 16 & 25   |  | G   | -    | 3082.160B     | £28.81       |
|   | 200  | 16 & 25   |  | G   | -    | 3082.200B     | £9.34        |
|   | 250  | 16 & 25   |  | G   | -    | 3082.250B     | £37.48       |
|   | 315  | 16 & 25   |  | G   | -    | 3082.315B     | £44.37       |

# MecFlow Supply Systems

## MecFlow Supply Systems - 3000 Fusion

|   | Size mm                 | PN rating   | Col   | Pack/ Box | Code          | Price Each    |           |
|---|-------------------------|---|---|-----------|---------------|---------------|-----------|
| Blank Flange PN16   |                         |   |   |           |               |               |           |
|    | Fix with Nuts and Bolts |   |   |           |               |               |           |
|   | 40                      | 16  |    | G         | -             | 3083.40S      | £44.27    |
|   | 50                      | 16  |    | G         | -             | 3083.50S      | £49.09    |
|   | 63                      | 16  |    | G         | -             | 3083.63S      | £54.25    |
|   | 75                      | 16  |    | G         | -             | 3083.75S      | £81.23    |
|   | 90                      | 16  |    | G         | -             | 3083.90S      | £96.10    |
|   | 110                     | 16  |    | G         | -             | 3083.110S     | £123.10   |
|   | 125                     | 16  |    | G         | -             | 3083.125S     | £130.13   |
|   | 160                     | 16  |    | G         | -             | 3083.160S     | £216.20   |
|   | 200                     | 16  |    | G         | -             | 3083.200S     | £332.49   |
| 250   | 16                      |  | G   | -         | 3083.250S     | POA           |           |
| 315   | 16                      |  | G   | -         | 3083.315S     | POA           |           |
| Blank Flange PN25   |                         |   |   |           |               |               |           |
|    | 40                      | 25  |    | G         | -             | 3083.40.25PN  | £78.29    |
|   | 50                      | 25  |    | G         | -             | 3083.50.25PN  | £123.43   |
|   | 63                      | 25  |    | G         | -             | 3083.63.25PN  | £170.58   |
|   | 75                      | 25  |    | G         | -             | 3083.75.25PN  | £230.97   |
|   | 90                      | 25  |    | G         | -             | 3083.90.25PN  | £230.97   |
|   | 110                     | 25  |    | G         | -             | 3083.110.25PN | £298.57   |
|   | 125                     | 25  |    | G         | -             | 3083.125.25PN | £447.12   |
|   | 160                     | 25  |    | G         | -             | 3083.160.25PN | £636.94   |
|   | 200                     | 25  |    | G         | -             | 3083.200.25PN | £1,093.97 |
|   | 250                     | 25  |    | G         | -             | 3083.250.25PN | £1,698.43 |
| 315   | 25                      |  | G   | -         | 3083.315.25PN | £2,331.59     |           |
| End Cap   |                         |   |   |           |               |               |           |
| Socket - Socket Weld  |                         |   |   |           |               |               |           |
|   | 20                      |   |    | G         | -             | 3030S.20G     | £1.44     |
|   | 25                      |   |    | G         | -             | 3030S.25G     | £2.21     |
|   | 32                      |   |   | G         | -             | 3030S.32G     | £2.91     |
|   | 40                      |   |  | G         | -             | 3030S.40G     | £4.69     |
|   | 50                      |   |  | G         | -             | 3030S.50G     | £9.10     |
|   | 63                      |   |  | G         | -             | 3030S.63G     | £13.73    |
|   | 75                      |   |  | G         | -             | 3030S.75G     | £25.49    |
|   | 90                      |   |  | G         | -             | 3030S.90G     | £45.11    |
|   | 110                     |   |  | G         | -             | 3030S.110G    | £64.75    |
|   | 125                     |   |  | G         | -             | 3030S.125G    | £113.99   |
| Spigot - Butt Weld  |                         |   |   |           |               |               |           |
|  | 160                     |   |   | G         | -             | 3030B.5.160G  | £230.71   |
|   | 200                     |   |   | G         | -             | 3030B.5.200G  | £357.65   |
|   | 250                     |   |   | G         | -             | 3030B.5.250G  | £422.05   |
|   | 315                     |   |   | G         | -             | 3030B.5.315G  | £3,052.80 |



# MecFlow Fusion - Tooling

Installation of the MecFlow Fusion Supply System requires tooling specific to the diameter and jointing method chosen. Below is a guide as to what's required for each option and applicable diameters.

|   | Socket Weld      | Butt Weld     | Electrofusion Weld <sup>(2)</sup> | Clickweld®       | Saddle Weld <sup>(3)</sup> |
|---|------------------|---------------|-----------------------------------|------------------|----------------------------|
| Tooling Needed: <sup>(1)</sup>                        | Ø20mm - 125mm    | Ø20mm - 125mm | Ø20mm - 315mm                     | Ø50mm - 125mm    | Ø50mm - 315mm              |
| Chinagraph Pencil                                     | ✓                | ✓             | ✓                                 |                  |                            |
| Pipe Cutter - Ratchet / Tube / Saw                    | ✓                | ✓             | ✓                                 |                  |                            |
| Scraper - Turbo / Rotary / Orbital                    |                  |               | ✓                                 |                  |                            |
| Pipe Chamfer / Beveller                               | ✓                |               |                                   |                  |                            |
| Deburrer  | ✓                | ✓             | ✓                                 |                  | ✓                          |
| Isopropyl Alcohol Wipes<br>(91% by volume or greater) | ✓                | ✓             | ✓                                 | ✓                | ✓                          |
| Hole Cutters (Saddles)                                |                  |               |                                   |                  | ✓                          |
| Temperature Probe & Thermometer                       | ✓                | ✓             |                                   |                  | ✓                          |
| Butt Welder   |                  | ✓             |                                   |                  |                            |
| Electrofusion Welder<br>(4mm Connectors)              |                  |               | ✓                                 | ✓ <sup>(4)</sup> |                            |
| Saddle Welder   |                  |               |                                   |                  | ✓                          |
| Socket Welder - Hand / Bench                          | ✓ <sup>(5)</sup> |               |                                   |                  | ✓ <sup>(6)</sup>           |
| Irons Socket - Type A                                 | ✓                |               |                                   |                  |                            |
| Irons Saddle - Type N                                 |                  |               |                                   |                  | ✓                          |
| Irons Saddle - Type N                                 |                  |               | ✓                                 |                  |                            |
| Pipe Support Stand                                    | ✓                | ✓             |                                   |                  | ✓                          |

Please contact your local Polypipe Building Services Technical Sales Manager for tooling supplier and model number details.

Detailed jointing information is available in the MecFlow Fusion Technical Manual.

(1) Tooling listed is for guidance only and is subject to pipe and fitting diameter requirements. (2) Electrofusion welding is available Pipe to Pipe Ø20-315mm and Pipe to Fitting Ø160-315mm. (3) Please refer to the MecFlow Fusion Technical Manual or Polypipe Building Services Price List for available saddle size options. (4) For MecFlow Fusion Clickweld® Fittings, the Griffon Electrofusion Machine is recommended. (5) Hand version socket welder should only be used for pipe diameters ≤ Ø63mm. (6) Hand version socket welder should only be used for saddle welds.

Please scan the code for guide to welding equipment suitable for use with MecFlow Fusion.



# Handling the pressure of a prestigious Manchester development.



**Bankside is one of a number of projects being developed by Renaker and MWA Ecosystems, which are dramatically transforming the Manchester skyline.**

**Bankside is a 43-storey residential building with commercial space on the ground floor. Located within the Colliers Yard neighbourhood, the development comprises 444 luxury apartments, a mixture of 1, 2 and 3 bedroom apartments and penthouses, all with an exceptional level of residential amenity.**

## CASE STUDY

### Project

Bankside.

### Client

MWA Ecosystems on behalf of Renaker

### Application

Drainage (soil and waste) and water supply systems

### Products

Terrain FUZE (HDPE drainage), Terrain PVC drainage, MecFlow Fusion water supply system

## High pressure in a tight space calls for innovative thinking and products.

*Mechanical plumbing specialists, MWA, set a tough brief for the water supply system at Bankside. A solution was required which could handle the high pressures needed to supply the whole of the Bankside tower from a single basement pumproom. All while working within a tight site footprint and budget.*

Gavin Robinson, National Business Development Manager AVS at Polypipe Building Services, explained: "We supplied the drainage system throughout the building, with Terrain FUZE used on the lower levels and Terrain Soil & Waste (PVC) installed up the rest of the tower. MecFlow Fusion was chosen for the water supply system because it can cope with high pressures and was used in the plantroom as well as for the tower's risers, run outs and manifolds serving the apartments." MecFlow Fusion uses a multi-layer PP-RCT pipe material and has been designed for plantroom, riser, header and runout applications and has a fire classification rating of B-s1, d0\*.

Tall buildings will often need a second pump station, to supply water to the whole tower. Not only did the project have a tight footprint, but within a valuable piece of real estate like Bankside, there was a premium on space. A secondary pump station was highly undesirable. Gavin Robinson explained further: "MecFlow Fusion can deal with high pressures all the way up the tower with no need for a booster station. With this sort of development, the space in the risers can be tight. MecFlow Fusion is lighter and more adaptable than other systems and so we could make optimal use of the space available.

We also manufactured bespoke manifolds, which provided the exact number of ports needed to control the flow of water to each apartment."

The system was built using loose components at a fabrication station in the tower's basement. A range of jointing methods were used including electrofusion and socket welding.

\*Fire classification rating according to EN13501, installed according to building regulations.

### Andrew Moss, Company Director at MWA Ecosystems, comments:

"We have a good relationship with Polypipe. The brand that they've developed over years for getting water in and out of tall buildings, gives a lot of confidence. The products' performance and level of customisation mean we handle any challenge. Polypipe also train the guys on the innovative stuff which is invaluable when you're breaking new ground. It's a huge advantage that we can source all this from one business".



## Index

| Code                           | Colour | Price     | Page |
|--------------------------------|--------|-----------|------|
| <b>McFlow Fusion Manifolds</b> |        |           |      |
| 3808.50Y207S.2.HDX             | G      | £881.17   | 7    |
| 3808.50Y207S.2.VDX             | G      | £800.20   | 7    |
| 3808.50Y207S.3.HDX             | G      | £1,131.49 | 7    |
| 3808.50Y207S.3.VDX             | G      | £1,050.53 | 7    |
| 3808.50Y207S.4.HDX             | G      | £1,305.54 | 7    |
| 3808.50Y207S.4.VDX             | G      | £1,224.56 | 7    |
| 3808.50Y207S.5.HDX             | G      | £1,555.91 | 7    |
| 3808.50Y207S.5.VDX             | G      | £1,474.88 | 7    |
| 3808.50Y207S.6.HDX             | G      | £1,729.95 | 7    |
| 3808.50Y207S.6.VDX             | G      | £1,648.98 | 7    |
| 3808.50Y207S.7.HDX             | G      | £1,980.28 | 7    |
| 3808.50Y207S.7.VDX             | G      | £1,899.30 | 7    |
| 3808.50Y207S.8.HDX             | G      | £2,154.36 | 7    |
| 3808.50Y207S.8.VDX             | G      | £1,805.17 | 7    |
| 3808.50Y207S.9.HDX             | G      | £2,073.54 | 7    |
| 3808.50Y207S.9.VDX             | G      | £1,992.56 | 7    |
| 3808.50Y207S.10.HDX            | G      | £2,247.43 | 7    |
| 3808.50Y207S.10.VDX            | G      | £2,166.42 | 7    |
| 3808.50Y207S.11.HDX            | G      | £2,466.18 | 7    |
| 3808.50Y207S.11.VDX            | G      | £2,385.22 | 7    |
| 3808.50Y207S.12.HDX            | G      | £2,608.72 | 7    |
| 3808.50Y207S.12.VDX            | G      | £2,527.70 | 7    |
| 3818.50Y207S.2.HX              | G      | £842.62   | 7    |
| 3818.50Y207S.2.VX              | G      | £761.61   | 7    |
| 3818.50Y207S.3.HX              | G      | £1,092.95 | 7    |
| 3818.50Y207S.3.VX              | G      | £1,011.97 | 7    |
| 3818.50Y207S.4.HX              | G      | £1,266.99 | 7    |
| 3818.50Y207S.4.VX              | G      | £1,186.03 | 7    |
| 3818.50Y207S.5.HX              | G      | £1,517.31 | 7    |
| 3818.50Y207S.5.VX              | G      | £1,436.33 | 7    |
| 3818.50Y207S.6.HX              | G      | £1,691.40 | 7    |
| 3818.50Y207S.6.VX              | G      | £1,610.38 | 7    |
| 3818.50Y207S.7.HX              | G      | £1,941.72 | 7    |
| 3818.50Y207S.7.VX              | G      | £1,860.75 | 7    |
| 3818.50Y207S.8.HX              | G      | £1,847.59 | 7    |
| 3818.50Y207S.8.VX              | G      | £1,766.58 | 7    |
| 3818.50Y207S.9.HX              | G      | £2,034.98 | 7    |
| 3818.50Y207S.9.VX              | G      | £1,954.01 | 7    |
| 3818.50Y207S.10.HX             | G      | £2,208.89 | 7    |
| 3818.50Y207S.10.VX             | G      | £2,127.87 | 7    |
| 3818.50Y207S.11.HX             | G      | £2,427.64 | 7    |
| 3818.50Y207S.11.VX             | G      | £2,346.67 | 7    |
| 3818.50Y207S.12.HX             | G      | £2,570.12 | 7    |
| 3818.50Y207S.12.VX             | G      | £2,489.15 | 7    |

## McFlow Fusion Pipes

|                |   |           |   |
|----------------|---|-----------|---|
| 3000.3.20.40G  | G | £41.31    | 9 |
| 3000.3.25.40G  | G | £64.68    | 9 |
| 3000.3.32.40G  | G | £77.59    | 9 |
| 3000.5.40.40G  | G | £139.23   | 9 |
| 3000.5.50.40G  | G | £169.26   | 9 |
| 3000.5.63.40G  | G | £226.13   | 9 |
| 3000.5.75.40G  | G | £298.72   | 9 |
| 3000.5.90.40G  | G | £422.09   | 9 |
| 3000.5.110.40G | G | £582.50   | 9 |
| 3000.5.125.58G | G | £1,100.59 | 9 |
| 3000.5.160.58G | G | £1,648.24 | 9 |
| 3000.5.200.58G | G | £3,694.65 | 9 |
| 3000.5.250.58G | G | £5,943.80 | 9 |
| 3000.5.315.58G | G | £9,250.84 | 9 |

## McFlow Fusion Fittings

|               |   |           |    |
|---------------|---|-----------|----|
| 3001S.20.45G  | G | £2.21     | 9  |
| 3001S.20.90G  | G | £1.40     | 9  |
| 3001S.25.45G  | G | £2.21     | 9  |
| 3001S.25.90G  | G | £2.29     | 9  |
| 3001S.32.45G  | G | £5.91     | 9  |
| 3001S.32.90G  | G | £5.91     | 9  |
| 3001S.40.45G  | G | £15.19    | 9  |
| 3001S.40.90G  | G | £13.80    | 9  |
| 3001S.50.45G  | G | £27.71    | 9  |
| 3001S.50.90G  | G | £23.74    | 10 |
| 3001S.63.45G  | G | £36.23    | 9  |
| 3001S.63.90G  | G | £31.14    | 10 |
| 3001S.75.45G  | G | £53.19    | 10 |
| 3001S.75.90G  | G | £53.40    | 10 |
| 3001S.90.45G  | G | £106.37   | 10 |
| 3001S.90.90G  | G | £101.05   | 10 |
| 3001S.110.45G | G | £138.45   | 10 |
| 3001S.110.90G | G | £166.06   | 9  |
| 3001S.125.45G | G | £222.55   | 9  |
| 3001S.125.90G | G | £227.47   | 9  |
| 3001S.160.45G | G | £358.80   | 9  |
| 3001S.160.90G | G | £433.09   | 9  |
| 3001S.200.45G | G | £632.53   | 9  |
| 3001S.200.90G | G | £850.79   | 9  |
| 3001S.250.45G | G | £1,049.51 | 9  |

## Index

|                        |   |           |    |
|------------------------|---|-----------|----|
| 3001B.5.250.90G        | G | £1,407.28 | 9  |
| 3001B.5.315.45G        | G | £2,062.35 | 9  |
| 3001B.5.315.90G        | G | £3,091.28 | 9  |
| 3004S.20.90G           | G | £1.90     | 10 |
| 3004S.25.90G           | G | £2.48     | 10 |
| 3004S.25X20X25.90G     | G | £2.86     | 10 |
| 3004S.32.90G           | G | £8.37     | 10 |
| 3004S.32X32.90G        | G | £5.50     | 10 |
| 3004S.32X25X32.90G     | G | £4.81     | 10 |
| 3004S.40.90G           | G | £10.89    | 10 |
| 3004S.40X20X40.90G     | G | £8.20     | 10 |
| 3004S.40X25X40.90G     | G | £8.29     | 10 |
| 3004S.40X32X40.90G     | G | £15.55    | 10 |
| 3004S.50.90G           | G | £15.12    | 10 |
| 3004S.50X25X50.90G     | G | £18.53    | 10 |
| 3004S.50X32X50.90G     | G | £28.98    | 10 |
| 3004S.50X40X50.90G     | G | £28.98    | 10 |
| 3004S.63.90G           | G | £28.57    | 10 |
| 3004S.63X26X3.90G      | G | £48.78    | 10 |
| 3004S.63X40X3.90G      | G | £48.78    | 10 |
| 3004S.63X50X3.90G      | G | £37.50    | 10 |
| 3004S.75.90G           | G | £106.00   | 10 |
| 3004S.75X32X75.90G     | G | £58.04    | 10 |
| 3004S.75X40X75.90G     | G | £58.04    | 11 |
| 3004S.75X50X75.90G     | G | £58.04    | 11 |
| 3004S.75X63X75.90G     | G | £58.04    | 11 |
| 3004S.90.90G           | G | £15.90    | 11 |
| 3004S.90X50X90.90G     | G | £81.76    | 11 |
| 3004S.90X63X90.90G     | G | £81.76    | 11 |
| 3004S.90X75X90.90G     | G | £81.76    | 11 |
| 3004S.110.90G          | G | £226.74   | 11 |
| 3004S.110X63X110.90G   | G | £129.91   | 11 |
| 3004S.110X82X110.90G   | G | £184.46   | 11 |
| 3004S.110X90X110.90G   | G | £226.74   | 11 |
| 3004S.125.90G          | G | £300.93   | 11 |
| 3004B.5.160.90G        | G | £616.31   | 10 |
| 3004B.5.160X110.90G    | G | £508.19   | 10 |
| 3004B.5.160X25.90G     | G | £540.06   | 10 |
| 3004B.5.200.90G        | G | £1,128.49 | 10 |
| 3004B.5.200X20.90G     | G | £626.54   | 10 |
| 3004B.5.200X60X20.90G  | G | £974.24   | 10 |
| 3004B.5.250.90G        | G | £1,853.26 | 10 |
| 3004B.5.250X60X20.90G  | G | £1,436.21 | 10 |
| 3004B.5.250X20X20.90G  | G | £1,642.94 | 10 |
| 3004B.5.315.90G        | G | £3,188.48 | 10 |
| 3004B.5.315X160X15.90G | G | £2,446.51 | 10 |
| 3004B.5.315X20X15.90G  | G | £2,236.74 | 10 |
| 3010.20G               | G | £45.55    | 11 |
| 3010.25G               | G | £48.16    | 11 |
| 3010.32G               | G | £70.97    | 11 |
| 3010.40G               | G | £92.09    | 11 |
| 3010.50G               | G | £105.96   | 11 |
| 3010.63G               | G | £122.82   | 11 |
| 3010.76G               | G | £171.62   | 11 |
| 3010.90G               | G | £203.24   | 11 |
| 3010.110G              | G | £237.84   | 11 |
| 3010.125G              | G | £353.25   | 11 |
| 3010.160G              | G | £542.60   | 11 |
| 3010.200G              | G | £938.14   | 11 |
| 3010.250G              | G | £1,695.42 | 11 |
| 3010.315G              | G | £2,350.13 | 11 |
| 3011S.20G              | G | £1.24     | 11 |
| 3011S.25G              | G | £1.59     | 11 |
| 3011S.32G              | G | £4.81     | 11 |
| 3011S.40G              | G | £7.12     | 11 |
| 3011S.50G              | G | £12.89    | 11 |
| 3011S.63G              | G | £16.53    | 11 |
| 3011S.75G              | G | £31.15    | 11 |
| 3011S.90G              | G | £53.19    | 11 |
| 3011S.110G             | G | £75.34    | 11 |
| 3011S.125G             | G | £116.00   | 11 |
| 3016S.20X05G           | G | £12.54    | 11 |
| 3016S.25X05G           | G | £13.03    | 11 |
| 3016S.32X075G          | G | £17.72    | 11 |
| 3016S.32X075G          | G | £28.45    | 11 |
| 3016S.32X1.90G         | G | £51.87    | 11 |
| 3016S.32X075.90G       | G | £25.18    | 11 |
| 3016S.32X1G            | G | £48.47    | 11 |
| 3016S.40X125G          | G | £71.66    | 11 |
| 3016S.50X15G           | G | £107.25   | 11 |
| 3016S.63X2G            | G | £174.71   | 11 |
| 3016S.75X20G           | G | £214.45   | 11 |
| 3016S.90X3G            | G | £495.42   | 11 |
| 3016S.110X4G           | G | £644.65   | 11 |
| 3017S.20X05G           | G | £15.79    | 11 |
| 3017S.25X05G           | G | £16.67    | 11 |
| 3017S.32X075G          | G | £22.75    | 11 |
| 3017S.32X075.90G       | G | £43.78    | 12 |
| 3017S.32X1G            | G | £61.28    | 12 |
| 3017S.32X1.90G         | G | £55.08    | 12 |
| 3017S.40X125G          | G | £129.05   | 12 |
| 3017S.50X15G           | G | £181.68   | 12 |
| 3017S.63X2G            | G | £235.11   | 12 |

## Index

| 3017S.75X25G     | G | £391.84   | 12 |
|------------------|---|-----------|----|
| 3017S.90X3G      | G | £668.29   | 12 |
| 3017S.110X4G     | G | £1,017.51 | 11 |
| 3019S.32X1G      | G | £66.84    | 12 |
| 3019S.32X125G    | G | £106.60   | 12 |
| 3024S.25X20G     | G | £1.47     | 12 |
| 3024S.32X20G     | G | £1.86     | 12 |
| 3024S.32X25G     | G | £1.86     | 12 |
| 3024S.40X25G     | G | £3.95     | 12 |
| 3024S.40X32G     | G | £7.77     | 13 |
| 3024S.50X32G     | G | £11.63    | 13 |
| 3024S.50X40G     | G | £12.21    | 13 |
| 3024S.63X32G     | G | £15.03    | 13 |
| 3024S.63X40G     | G | £16.53    | 13 |
| 3024S.63X50G     | G | £18.18    | 13 |
| 3024S.75X32G     | G | £24.24    | 13 |
| 3024S.75X40G     | G | £27.39    | 13 |
| 3024S.75X50G     | G | £28.02    | 13 |
| 3024S.75X63G     | G | £28.02    | 13 |
| 3024S.90X63G     | G | £42.55    | 13 |
| 3024S.90X75G     | G | £42.55    | 13 |
| 3024S.110X50G    | G | £100.88   | 12 |
| 3024S.110X63G    | G | £100.94   | 12 |
| 3024S.110X75G    | G | £100.94   | 12 |
| 3024S.110X90G    | G | £101.66   | 12 |
| 3024S.125X110G   | G | £146.98   | 12 |
| 3024S.125X50G    | G | £130.28   | 12 |
| 3024S.160X125G   | G | £422.70   | 12 |
| 3024B.5.200X125G | G | £329.40   | 12 |
| 3024B.5.200X160G | G | £344.05   | 12 |
| 3024B.5.250X160G | G | £461.14   | 12 |
| 3024B.5.250X200G | G | £507.73   | 12 |
| 3024B.10.25X20G  | G | £1,387.00 | 12 |
| 3024B.5.315X250G | G | £1,490.00 | 12 |
| 3030S.20G        | G | £1.44     | 13 |
| 3030S.25G        | G | £2.21     | 13 |
| 3030S.32G        | G | £2.91     | 13 |
| 3030S.40G        | G | £4.69     | 13 |
| 3030S.50G        | G | £9.10     | 13 |
| 3030S.63G        | G | £13.73    | 13 |
| 3030S.75G        | G | £25.49    | 13 |
| 3030S.90G        | G | £45.11    | 13 |
| 3030S.110G       | G | £64.75    | 13 |
| 3030S.125G       | G | £113.99   | 13 |
| 3030B.5.160G     | G | £230.71   | 13 |
| 3030B.5.200G     | G | £357.65   | 13 |
| 3030B.5.250G     | G | £422.05   | 13 |
| 3030B.5.315G     | G | £3,052.80 | 13 |
| 3031.1G          | G | £13.61    | 14 |
| 3031.315.25PN    | G | £14.66    | 14 |
| 3032.40B         | G | £15.51    | 14 |
| 3032.50B         | G | £13.61    | 14 |
| 3032.63B         | G | £13.61    | 14 |
| 3032.75B         | G | £15.51    | 14 |
| 3032.90B         | G | £15.51    | 14 |
| 3032.110B        | G | £13.61    | 14 |
| 3032.125B        | G | £14.66    | 14 |
| 3032.160B        | G | £15.51    | 14 |
| 3032.200B        | G | £13.61    | 14 |
| 3032.250B        | G | £14.66    | 14 |
| 3032.315B        | G | £15.51    | 14 |
| 3032.40B.25PN    | G | £27.08    | 14 |
| 3033.40.25PN     | G | £30.41    | 14 |
| 3033.50S         | G | £13.61    | 14 |
| 3033.50.25PN     | G | £14.66    | 14 |
| 3033.63S         | G | £15.51    | 14 |
| 3033.63.25PN     | G | £27.08    | 14 |
| 3033.75S         | G | £30.41    | 14 |
| 3033.75.25PN     | G | £33.62    | 14 |
| 3033.90S         | G | £13.61    | 14 |
| 3033.90.25PN     | G | £13.61    | 14 |
| 3033.125.25PN    | G | £33.62    | 14 |
| 3033.160S        | G | £13.61    | 14 |
| 3033.160.25PN    | G | £33.62    | 14 |
| 3033.200S        | G | £13.61    | 14 |
| 3033.200.25PN    | G | £33.62    | 14 |
| 3033.250S        | G | £13.61    | 14 |
| 3033.250.25PN    | G | £33.62    | 14 |
| 3033.315S        | G | £13.61    | 14 |
| 3033.315.25PN    | G | £33.62    | 14 |
| 3033.40S         | G | £13.61    | 14 |
| 3033.40.25PN     | G | £33.62    | 14 |
| 3033.50S.25PN    | G | £30.41    | 14 |
| 3033.50S.50PN    | G | £50.56    | 14 |

**MECFLOW****PRESS**

# TOUGHEN UP!

**With  
MecFlow  
Press.**

**MecFlow Press from Polypipe Building Services provides solutions to a wide range of water supply applications.**

Engineered for potable, hot & cold plumbing and heating installations, the system uses a multi-layer pipe with inner and outer layers of polyethylene and a flexible core of butt-welded aluminium.

MecFlow Press pipe is available in straight lengths in a range of diameters from 16mm to 50mm, and in pre-insulated coils up to 32mm.

100% oxygen-tight, with flow-optimised fittings (including 90° Swept Bends), the system delivers ultra-secure joints thanks to extra-wide inspection windows (for correct pipe insertion) and a leak-before-press test function.

Now meeting tough standards needn't be a tough decision - choose MecFlow Press.

To find out more, scan QR code or visit [www.polypipebuildingservices.com](http://www.polypipebuildingservices.com)





## Introduction

MecFlow Press is a complete, WRAS approved, multi-layer composite piping (MLCP) system, specifically engineered for potable, hot and cold plumbing and heating applications. The system is available in a range of diameters from 16mm to 50mm and is certified to EN ISO 21003 - ensuring its safety and compliance with UK industry regulations.

The system's high-quality multi-layer composite pipe is comprised of three engineered layers; an inner layer of cross-linked polyethylene (PE-X), a middle layer of flexible butt-welded aluminium, and an outer layer of raised temperature polyethylene (PE-RT).

These layers are bonded together using a specially formulated adhesive to create a single, durable product, that meets the stringent requirements of an installation whilst offering exceptional functionality and durability.

MecFlow Press Pipe is also available in pre-insulated coils for ease of install. The 13mm insulation in red and blue is B-s1,d0\* rated - the highest available fire protection classification in its material class.

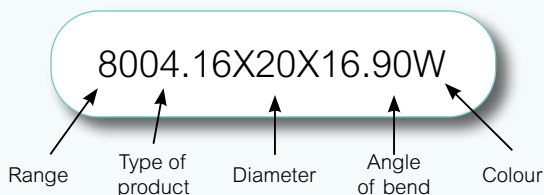
MecFlow Press offers a comprehensive range of fittings, all made from medical grade polyphenylsulphone (PPSU) and dezincification resistant (DZR) brass. Every fitting, including a unique patented Swept Bend (16-32mm), is designed to provide optimal flow rate and flexibility in terms of product application.

Innovative design features also mean that any risk of leaks is greatly reduced, thanks to extra-large inspection windows to ensure correct pipe insertion when installing, and a 'leak before press' test function when testing the installation.

MecFlow Press - the optimal solution for running supply pipework up to 10bar.

\*Fire classification rating according to EN13501, installed according to building regulations.

## A Guide to the MecFlow Press Product Coding System



### Range Series

8000 = MecFlow Press

### Type of Product

00 = Pipe  
 01 = Elbow  
 04 = Tee & Tee Reducing  
 10 = Coupler  
 15 = Threaded Adaptor Female  
 16 = Threaded Adaptor Female  
 17 = Threaded Adaptor Male  
 24 = Reducer  
 27 = Adaptor to Metal  
 30 = End Cap  
 46 = Threaded Adaptor Tee Female  
 58 = Threaded Adaptor Union Female  
 80 = Manifolds  
 81 = Manifold Bracket  
 82 = Plug  
 83 = Insert, Nut & Olive  
 900 = Tooling

### Type of Product - Letter

C = Coiled (8000C only)  
 C = Compression Fitting (8019C only)  
 M = Mini Jaws  
 PC = Pre-insulated Pipe  
 V = Vented

### Thread Sizes

05 = ½" BSP  
 075 = ¾" BSP  
 1 = 1" BSP  
 125 = 1¼" BSP  
 15 = 1½" BSP  
 2 = 2" BSP

### Diameters

15 = 15mm Metal Pipe  
 16 = 16mm Pipe O/D  
 20 = 20mm Pipe O/D  
 22 = 22mm Metal Pipe  
 26 = 26mm Pipe O/D  
 28 = 28mm Metal Pipe  
 32 = 32mm Pipe O/D  
 40 = 40mm Pipe O/D  
 50 = 50mm Pipe O/D

### Angle

45 = 45°  
 90 = 90°

### Colour

Pipe Only:  
 B = Blue  
 G = Grey  
 R = Red  
 W = White  
 Fittings Only:  
 B = Brass  
 BW = Brass and White  
 G = Grey  
 M = Metal  
 T = Tooling  
 W = White  
 Y = Yellow

### Code Spacers

"," and "X"  
 Used in product codes to split diameter and angle references.










BSI kitemark certified

Products marked in the product listings are:

- Available in .DWG file format. - Available in .RFA and .ADSK file format.

These files are ready to incorporate into design drawings. If you would like the files in the relevant format, simply contact the Advantage Team on 01622 795200 or email [commercialenquiries@polypipe.com](mailto:commercialenquiries@polypipe.com).






## MecFlow Supply Systems - 8000 Press

|   | Size mm                               | Angle | Col | Pack/<br>Box | Code              | Price<br>Each |  |
|---|---------------------------------------|-------|-----|--------------|-------------------|---------------|--|
| Sanitary Hot & Cold Manifolds   |                                       |       |     |              |                   |               |  |
|    | 2 Port/¾"                             | 90°   | M   | 1            | 8080.02X075       | £55.42        |  |
|   | 3 Port/¾"                             | 90°   | M   | 1            | 8080.03X075       | £77.52        |  |
|   | 4 Port/¾"                             | 90°   | M   | 1            | 8080.04X075       | £99.46        |  |
|   | 5 Port/¾"                             | 90°   | M   | 1            | 8080.05X075       | £130.50       |  |
| Sanitary Manifold Bracket   |                                       |       |     |              |                   |               |  |
|    | Single Bracket ¾"                     | 90°   | M   | 1            | 8081.075.BR       | £8.87         |  |
| Sanitary Manifold Plug  |                                       |       |     |              |                   |               |  |
|    | Female Plug ¾"                        | 90°   | M   | 1            | 8082.075.FP       | £6.05         |  |
| Sanitary Manifold Eurocones   |                                       |       |     |              |                   |               |  |
|    | Eurocone 16/2                         | 90°   | M   | 1            | 8083.16X2.EF      | £8.40         |  |
|   | Eurocone 20/2                         | 90°   | M   | 1            | 8083.20X2.EF      | £9.43         |  |
| Pipe  |                                       |       |     |              |                   |               |  |
|    | Plain Ended - Straight                |       |     |              |                   |               |  |
|   | 16 (5m)                               | 90°   | W   | 15           | 8000.16.50W       | £35.09        |  |
|   | 20 (5m)                               | 90°   | W   | 10           | 8000.20.50W       | £47.59        |  |
|   | 26 (5m)                               | 90°   | W   | 5            | 8000.26.50W       | £73.90        |  |
|   | 32 (5m)                               | 90°   | W   | 4            | 8000.32.50W       | £97.06        |  |
|   | 40 (5m)                               | 90°   | W   | 5            | 8000.40.50W       | £112.96       |  |
|   | 50 (5m)                               | 90°   | W   | 5            | 8000.50.50W       | £165.47       |  |
|  | Plain Ended - Coiled                  |       |     |              |                   |               |  |
|   | 16 (100m)                             | 90°   | W   | 1            | 8000C.16.1000W    | £524.61       |  |
|   | 20 (100m)                             | 90°   | W   | 1            | 8000C.20.1000W    | £714.35       |  |
|   | 26 (50m)                              | 90°   | W   | 1            | 8000C.26.500W     | £697.74       |  |
|   | 32 (50m)                              | 90°   | W   | 1            | 8000C.32.500W     | £920.89       |  |
|  | Plain Ended - Coiled - Pre-Insulated. |       |     |              |                   |               |  |
|   | 16X06 (50m)                           | 90°   | B   | 1            | 8000PC.16.06.50B  | £315.57       |  |
|   | 16X06 (50m)                           | 90°   | R   | 1            | 8000PC.16.06.50R  | £315.57       |  |
|   | 20X06 (50m)                           | 90°   | B   | 1            | 8000PC.20.06.50B  | £379.09       |  |
|   | 20X06 (50m)                           | 90°   | R   | 1            | 8000PC.20.06.50R  | £379.09       |  |
|   | 16X09 (50m)                           | 90°   | G   | 1            | 8000PC.16.09.50G  | £380.95       |  |
|   | 20X09 (50m)                           | 90°   | G   | 1            | 8000PC.20.09.50G  | £398.79       |  |
|   | NEW 16X13 (50m)                       | 90°   | B   | 1            | 8000PC.16.13.50B* | £496.40       |  |
|   | 16X13 (50m)                           | 90°   | R   | 1            | 8000PC.16.13.50R* | £496.40       |  |
|   | 20X13 (50m)                           | 90°   | B   | 1            | 8000PC.20.13.50B* | £582.74       |  |
|   | 20X13 (50m)                           | 90°   | R   | 1            | 8000PC.20.13.50R* | £582.74       |  |
|   | 26X13 (25m)                           | 90°   | B   | 1            | 8000PC.26.13.25B* | £507.16       |  |
|   | 26X13 (25m)                           | 90°   | R   | 1            | 8000PC.26.13.25R* | £507.16       |  |
|   | 32X13 (25m)                           | 90°   | G   | 1            | 8000PC.32.13.25G  | £475.80       |  |
|   | *EN 13501-1: B-s1, d0 classified.     |       |     |              |                   |               |  |





















































# MecFlow Supply Systems

## MecFlow Supply Systems - 8000 Press

|   | Size mm                          | Angle | Col | Pack/<br>Box | Code              | Price<br>Each |
|---|----------------------------------|-------|-----|--------------|-------------------|---------------|
| <b>Coupler</b>  |                                  |       |     |              |                   |               |
|    | Double Socket                    |       |     |              |                   |               |
|   | 16                               | 90    | W   | 10           | 8010.16W          | £8.44         |
|   | 20                               | 90    | W   | 10           | 8010.20W          | £8.93         |
|   | 26                               | 90    | W   | 5            | 8010.26W          | £13.96        |
|   | 32                               | 90    | W   | 5            | 8010.32W          | £17.77        |
|   | <b>NEW</b> 40                    | 90    | W   | 3            | 8010.40W          | £48.75        |
|   | 50                               | 90    | W   | 2            | 8010.50W          | £61.68        |
| <b>Elbow 45°</b>  |                                  |       |     |              |                   |               |
|    | Double Socket                    |       |     |              |                   |               |
|   | 26                               | 45    | W   | 5            | 8001.26.45W       | £20.09        |
|   | 32                               | 45    | W   | 5            | 8001.32.45W       | £25.57        |
|   | <b>NEW</b> 40                    | 45    | W   | 3            | 8001.40.45W       | £60.93        |
|   | 50                               | 45    | W   | 2            | 8001.50.45W       | £71.82        |
| <b>NEW Swept Bend 90°</b>   |                                  |       |     |              |                   |               |
|    | Double Socket                    |       |     |              |                   |               |
|   | 16                               | 90    | W   | 10           | 8001.16.90W       | £9.24         |
|   | 20                               | 90    | W   | 10           | 8001.20.90W       | £10.83        |
|   | 26                               | 90    | W   | 5            | 8001.26.90W       | £17.77        |
|   | 32                               | 90    | W   | 5            | 8001.32.90W       | £23.93        |
| <b>NEW Elbow 90°</b>  |                                  |       |     |              |                   |               |
|    | 40                               | 90    | W   | 3            | 8001.40.90W       | £56.61        |
|   | 50                               | 90    | W   | 2            | 8001.50.90W       | £74.03        |
| <b>Equal Tee</b>  |                                  |       |     |              |                   |               |
|    | Triple Socket                    |       |     |              |                   |               |
|   | 16                               | 90    | W   | 10           | 8004.16.90W       | £13.96        |
|   | 20                               | 90    | W   | 10           | 8004.20.90W       | £16.18        |
|   | 26                               | 90    | W   | 5            | 8004.26.90W       | £23.93        |
|   | 32                               | 90    | W   | 5            | 8004.32.90W       | £31.59        |
|   | <b>NEW</b> 40                    | 90    | W   | 3            | 8004.40.90W       | £86.96        |
|   | 50                               | 90    | W   | 2            | 8004.50.90W       | £100.03       |
| <b>Reducing Tee</b>   |                                  |       |     |              |                   |               |
|  | Triple Socket (End, Branch, End) |       |     |              |                   |               |
|   | 16/20/16                         | 90    | W   | 10           | 8004.16X20X16.90W | £16.18        |
|   | 20/16/16                         | 90    | W   | 10           | 8004.20X16X16.90W | £16.99        |
|   | 20/16/20                         | 90    | W   | 10           | 8004.20X16X20.90W | £16.99        |
|   | 20/20/16                         | 90    | W   | 10           | 8004.20X20X16.90W | £18.52        |
|   | 20/26/20                         | 90    | W   | 5            | 8004.20X26X20.90W | £23.93        |
|   | 26/16/20                         | 90    | W   | 5            | 8004.26X16X20.90W | £23.93        |
|   | 26/16/26                         | 90    | W   | 5            | 8004.26X16X26.90W | £23.93        |
|   | 26/20/16                         | 90    | W   | 5            | 8004.26X20X16.90W | £23.21        |
|   | 26/20/20                         | 90    | W   | 5            | 8004.26X20X20.90W | £23.93        |
|   | 26/20/26                         | 90    | W   | 5            | 8004.26X20X26.90W | £23.93        |
|   | 26/26/16                         | 90    | W   | 5            | 8004.26X26X16.90W | £24.71        |
|   | 26/26/20                         | 90    | W   | 5            | 8004.26X26X20.90W | £25.57        |
|   | 32/16/32                         | 90    | W   | 5            | 8004.32X16X32.90W | £33.23        |
|   | 32/20/26                         | 90    | W   | 5            | 8004.32X20X26.90W | £32.48        |
|   | 32/20/32                         | 90    | W   | 5            | 8004.32X20X32.90W | £31.59        |
|   | 32/26/26                         | 90    | W   | 5            | 8004.32X26X26.90W | £36.59        |
|   | 32/26/32                         | 90    | W   | 5            | 8004.32X26X32.90W | £32.48        |
|   | <b>NEW</b> 40/20/40              | 90    | W   | 3            | 8004.40X20X40.90W | £37.45        |
|   | 40/26/40                         | 90    | W   | 3            | 8004.40X26X40.90W | £41.22        |
|   | 40/32/40                         | 90    | W   | 3            | 8004.40X32X40.90W | £42.00        |



## MecFlow Supply Systems - 8000 Press



|   | Size mm          | Angle | Col   | Pack/<br>Box | Code | Price<br>Each     |         |
|---|------------------|-------|---|--------------|------|-------------------|---------|
| Reducing Tee  |                  |       |   |              |      |                   |         |
|    | 50/20/50         | 90    |    | W            | 2    | 8004.50X20X50.90W | £82.43  |
|   | 50/26/50         | 90    |    | W            | 2    | 8004.50X26X50.90W | £86.18  |
|   | 50/32/50         | 90    |    | W            | 2    | 8004.50X32X50.90W | £89.82  |
|   | 50/40/50         | 90    |    | W            | 2    | 8004.50X40X50.90W | £113.07 |
|   | Reducer          |       |   |              |      |                   |         |
| Double Socket   |                  |       |   |              |      |                   |         |
|    | 20/16            |       |    | W            | 10   | 8024.20X16W       | £8.58   |
|   | 26/16            |       |    | W            | 5    | 8024.26X16W       | £13.96  |
|   | 26/20            |       |    | W            | 5    | 8024.26X20W       | £15.52  |
|   | 32/20            |       |    | W            | 5    | 8024.32X20W       | £20.09  |
|   | 32/26            |       |    | W            | 5    | 8024.32X26W       | £19.34  |
|   | NEW 40/26        |       |    | W            | 3    | 8024.40X26W       | £37.45  |
|   | 40/32            |       |    | W            | 3    | 8024.40X32W       | £26.25  |
|   | 50/32            |       |    | W            | 2    | 8024.50X32W       | £54.30  |
|   | 50/40            |       |    | W            | 2    | 8024.50X40W       | £60.93  |
|   | Adaptor to Metal |       |   |              |      |                   |         |
| Adaptor to Copper, Carbon Steel or Stainless Steel                                  |                  |       |   |              |      |                   |         |
|    | 16/15            |       |    | B            | 10   | 8027.16X15B       | £13.83  |
|   | 20/22            |       |    | B            | 10   | 8027.20X22B       | £18.76  |
|   | 26/22            |       |    | B            | 5    | 8027.26X22B       | £30.37  |
|   | 32/28            |       |    | B            | 5    | 8027.32X28B       | £28.98  |
| Threaded Adaptor  |                  |       |   |              |      |                   |         |
| Threaded Adaptor - Straight Male Brass  |                  |       |   |              |      |                   |         |
|    | 16/½"            |       |    | B            | 10   | 8017.16X05B       | £11.68  |
|   | 20/¾"            |       |    | B            | 10   | 8017.20X075B      | £17.81  |
|   | 20/1"            |       |    | B            | 10   | 8017.20X1B        | £31.93  |
|   | 26/¾"            |       |    | B            | 5    | 8017.26X075B      | £23.66  |
|   | 26/1"            |       |    | B            | 5    | 8017.26X1B        | £29.42  |
|   | 32/1"            |       |    | B            | 5    | 8017.32X1B        | £31.18  |
|   | 32/1½"           |       |    | B            | 5    | 8017.32X125B      | £41.09  |
|   | NEW 40/1"        |       |    | B            | 3    | 8017.40X1B        | £77.06  |
|   | 40/1¼"           |       |   | B            | 3    | 8017.40X125B      | £74.85  |
|   | 40/1½"           |       |  | B            | 3    | 8017.40X15B       | £118.58 |
|  | 50/1½"           |       |  | B            | 2    | 8017.50X15B       | £119.60 |
|   | 50/2"            |       |  | B            | 2    | 8017.50X2B        | £158.88 |
| Threaded Adaptor - Straight Male PPSU   |                  |       |   |              |      |                   |         |
|  | 16/½"            |       |  | W            | 10   | 8017.16X05W       | £7.60   |
|   | 16/¾"            |       |  | W            | 10   | 8017.16X075W      | £14.51  |
|   | 20/½"            |       |  | W            | 10   | 8017.20X05W       | £9.88   |
|   | 20/¾"            |       |  | W            | 10   | 8017.20X075W      | £11.85  |
| Threaded Adaptor - Straight Female Brass  |                  |       |   |              |      |                   |         |
|  | 16/½"            |       |  | B            | 10   | 8016.16X05B       | £17.71  |
|   | 20/¾"            |       |  | B            | 10   | 8016.20X05B       | £20.12  |
|   | 20/¾"            |       |  | B            | 10   | 8016.20X075B      | £19.62  |
|   | 26/¾"            |       |  | B            | 5    | 8016.26X075B      | £28.60  |
|   | 26/1"            |       |  | B            | 5    | 8016.26X1B        | £33.98  |
|   | 32/1"            |       |  | B            | 5    | 8016.32X1B        | £42.86  |
|   | 32/1½"           |       |  | B            | 5    | 8016.32X125B      | £89.17  |
|   | NEW 40/1"        |       |  | B            | 3    | 8016.40X1B        | £85.60  |
|   | 40/1¼"           |       |  | B            | 3    | 8016.40X125B      | £78.35  |
|   | 50/1½"           |       |  | B            | 2    | 8016.50X15B       | £112.15 |

# MecFlow Supply Systems

## MecFlow Supply Systems - 8000 Press

|   | Size mm   | Angle  | Col   | Pack/<br>Box  | Code | Price<br>Each       |               |         |
|---|---|--------|---|---|------|---------------------|---------------|---------|
|    | Threaded Adaptor - Elbow Male Brass                           |        |   |   |      |                     |               |         |
|   | 16/½"   | 90     |    | BW  | 10   | 8017.16X05.90BW     | £17.81        |         |
|   | 20/½"   | 90     |    | BW  | 10   | 8017.20X05.90BW     | £31.18        |         |
|   | 20/¾"   | 90     |    | BW  | 10   | 8017.20X075.90BW    | £34.82        |         |
|   | 26/¾"   | 90     |    | BW  | 5    | 8017.26X075.90BW    | £44.76        |         |
|   | 32/1"   | 90     |    | BW  | 5    | 8017.32X1.90BW      | £54.39        |         |
| <b>NEW</b>  | 40/1¼"  | 90     |    | BW  | 3    | 8017.40X125.90BW    | £112.15       |         |
|   | 50/1½"  | 90     |    | BW  | 2    | 8017.50X15.90BW     | £205.42       |         |
|    | Threaded Adaptor - Elbow Female Brass                         |        |   |   |      |                     |               |         |
|   | 16/½"   | 90     |    | BW  | 10   | 8016.16X05.90BW     | £17.81        |         |
|   | 20/½"   | 90     |    | BW  | 10   | 8016.20X05.90BW     | £26.76        |         |
|   | 20/¾"   | 90     |    | BW  | 10   | 8016.20X075.90BW    | £29.68        |         |
|   | 26/¾"   | 90     |    | BW  | 5    | 8016.26X075.90BW    | £35.75        |         |
|   | 32/1"   | 90     |    | BW  | 5    | 8016.32X1.90BW      | £57.94        |         |
| <b>Threaded Adaptor</b>   |   |        |   |   |      |                     |               |         |
|    | Threaded Adaptor - Tee Female Brass                           |        |   |   |      |                     |               |         |
|   | 16/½"   | 90     |    | BW  | 10   | 8046.16X05X16.90BW  | £33.98        |         |
|   | 20/½"   | 90     |    | BW  | 10   | 8046.20X05X20.90BW  | £39.31        |         |
|   | 20/¾"   | 90     |    | BW  | 10   | 8046.20X075X20.90BW | £48.67        |         |
|   | 26/½"   | 90     |    | BW  | 5    | 8046.26X05X26.90BW  | £46.30        |         |
|   | 26/¾"   | 90     |    | BW  | 5    | 8046.26X075X26.90BW | £49.97        |         |
|    | 32/½"   | 90     |    | BW  | 5    | 8046.32X05X32.90BW  | £62.46        |         |
|   | 32/¾"   | 90     |    | BW  | 5    | 8046.32X075X32.90BW | £62.46        |         |
|   | 32/1"   | 90     |    | BW  | 5    | 8046.32X1X32.90BW   | £66.99        |         |
|   | Threaded Adaptor - Transition Coupling Female Brass           |        |   |   |      |                     |               |         |
|   | 16/½"   |        |    | BW  | 10   | 8058.16X05BW        | £17.81        |         |
|   | 16/¾"   |        |    | BW  | 10   | 8058.16X075BW       | £17.81        |         |
|   | 20/¾"   |        |    | BW  | 10   | 8058.20X075BW       | £20.54        |         |
|   | 20/1"   |        |    | BW  | 10   | 8058.20X1BW         | £25.06        |         |
|   | 26/¾"   |        |    | BW  | 5    | 8058.26X075BW       | £44.76        |         |
|   | 26/1"   |        |    | BW  | 5    | 8058.26X1BW         | £30.37        |         |
|   | 26/1¼"  |        |    | BW  | 5    | 8058.26X125BW       | £35.75        |         |
|   | 26/1½"  |        |  | BW  | 5    | 8058.26X15BW        | £53.47        |         |
|   | 32/1"   |        |  | BW  | 5    | 8058.32X1BW         | £55.24        |         |
|   | 32/1¼"  |        |  | BW  | 5    | 8058.32X125BW       | £56.91        |         |
|   | 32/1½"  |        |  | BW  | 5    | 8058.32X15BW        | £73.62        |         |
|   | <b>NEW</b>  | 40/1¼" |   |  | BW   | 3                   | 8058.40X125BW | £112.15 |
|   | 40/1½"  |        |  | BW  | 3    | 8058.40X15BW        | £123.31       |         |
|   | 50/1¼"  |        |  | BW  | 2    | 8058.50X175BW       | £165.41       |         |
|   | 50/2"   |        |  | BW  | 2    | 8058.50X2BW         | £154.11       |         |
|   | Threaded Adaptor - Transition Coupling Elbow Female Brass     |        |   |   |      |                     |               |         |
|  | 16/½"   | 90     |  | BW  | 10   | 8058.16X05.90BW     | £45.00        |         |
|   | 16/¾"   | 90     |  | BW  | 10   | 8058.16X075.90BW    | £45.44        |         |
|   | 20/¾"   | 90     |  | BW  | 10   | 8058.20X075.90BW    | £50.08        |         |
|   | 26/1"   | 90     |  | BW  | 5    | 8058.26X1.90BW      | £96.59        |         |
|  | Threaded Adaptor - Wall Mount Elbow, 35mm Offset Female Brass |        |   |   |      |                     |               |         |
|   | 16/½"   | 90     |  | BW  | 10   | 8015.16X05.35.90BW  | £32.10        |         |
|   | 20/½"   | 90     |  | BW  | 10   | 8015.20X05.35.90BW  | £49.08        |         |
|   | 20/¾"   | 90     |  | BW  | 10   | 8015.20X075.35.90BW | £40.17        |         |
|   | 26/¾"   | 90     |  | BW  | 5    | 8015.26X075.35.90BW | £59.77        |         |

## MecFlow Supply Systems - 8000 Press

|   | Size mm       | Angle | Col | Pack/<br>Box | Code         | Price<br>Each |
|---|---------------|-------|-----|--------------|--------------|---------------|
| <b>End Cap</b>  |               |       |     |              |              |               |
|  | Single Socket |       |     |              |              |               |
|   | 16            | 90    | W   | 10           | 8030.16W     | £7.74         |
|   | 20            | 90    | W   | 10           | 8030.20W     | £9.24         |
|   | 26            | 90    | W   | 5            | 8030.26W     | £14.68        |
|   | 32            | 90    | W   | 5            | 8030.32W     | £16.58        |
| <b>Radiator Connector</b>   |               |       |     |              |              |               |
|  | Single Socket |       |     |              |              |               |
|   | 16            | 90    | W   | 2            | 8001R.16.90W | £35.75        |
|   | 16            | 90    | W   | 2            | 8004R.16.90W | £55.79        |

# MecFlow Supply Systems

## MecFlow Supply Systems - 8000 Press

|   | Size mm                     | Angle | Col | Pack/<br>Box | Code        | Price<br>Each |
|---|-----------------------------|-------|-----|--------------|-------------|---------------|
| <b>Tooling</b>  |                             |       |     |              |             |               |
|                                      | Jaws - F Contour            |       |     |              |             |               |
|   | 16                          |       |     | 1            | 8990.16T    | £598.23       |
|   | 20                          |       |     | 1            | 8990.20T    | £598.23       |
|   | 26                          |       |     | 1            | 8990.26T    | £598.23       |
|   | 32                          |       |     | 1            | 8990.32T    | £673.17       |
|   | <b>NEW</b> 40               |       |     | 1            | 8990.40T    | £929.09       |
|                                      | Jaws Mini - F Contour       |       |     |              |             |               |
|   | 16                          |       |     | 1            | 8990M.16T   | £613.34       |
|   | 20                          |       |     | 1            | 8990M.20T   | £613.34       |
|   | 26                          |       |     | 1            | 8990M.26T   | £623.28       |
|   | 32                          |       |     | 1            | 8990M.32T   | £674.59       |
|   | <b>NEW</b> 40               |       |     | 1            | 8990M.40T   | £884.95       |
|                                      | Deburring Tool              |       |     |              |             |               |
|   | 16-50                       |       |     | 1            | 8980.16X32G | £51.70        |
|   | 16-32                       |       |     | 1            | 8980.16X32T | £286.23       |
|   | <b>NEW</b> 40               |       |     | 1            | 8980.40T    | £208.49       |
|   | <b>NEW</b> 50               |       |     | 1            | 8980.50T    | £405.67       |
|                                      | Bending Springs             |       |     |              |             |               |
|   | 16                          |       |     | 1            | 8970.16T    | £75.76        |
|   | 20                          |       |     | 1            | 8970.20T    | £90.78        |
|                                     | Cutters                     |       |     |              |             |               |
|   | 16-20                       |       |     | 1            | 8950.16X20G | £41.37        |
|   | 16-32                       |       |     | 1            | 8950.16X32G | £348.98       |
|   | <b>NEW</b> 16-50            |       |     | 1            | 8950.16X75G | £457.87       |
|                                    | Test Plugs                  |       |     |              |             |               |
|   | 16                          |       |     | 1            | 8960.16T    | £33.90        |
|   | 20                          |       |     | 1            | 8960.20T    | £37.68        |
|                                    | Test Plugs - Including Vent |       |     |              |             |               |
|   | 26                          |       |     | 1            | 8960V.26T   | £174.12       |
|   | 32                          |       |     | 1            | 8960V.32T   | £179.98       |
| <b>Note:</b><br>Pressing contours for all MecFlow Press:<br>"F" = 16-50mm diameters.<br>"TH" = 16-32mm diameter only. |                             |       |     |              |             |               |

## Index

| Code                      | Colour | Price   | Page |
|---------------------------|--------|---------|------|
| <b>McFlow Press Pipes</b> |        |         |      |
| 8000.16.50W               | W      | £35.09  | 23   |
| 8000.20.50W               | W      | £47.59  | 23   |
| 8000.26.50W               | W      | £73.90  | 23   |
| 8000.32.50W               | W      | £97.06  | 23   |
| 8000.40.50W               | W      | £112.96 | 23   |
| 8000.50.50W               | W      | £165.47 | 23   |
| 8000C.16.1000W            | W      | £524.61 | 23   |
| 8000C.20.1000W            | W      | £714.35 | 23   |
| 8000C.26.500W             | W      | £697.74 | 23   |
| 8000C.32.500W             | W      | £920.89 | 23   |
| 8000PC.16.06.50B          | B      | £315.57 | 23   |
| 8000PC.16.06.50R          | R      | £315.57 | 23   |
| 8000PC.16.09.50G          | G      | £380.95 | 23   |
| 8000PC.16.13.50B          | B      | £496.40 | 23   |
| 8000PC.16.13.50R          | R      | £496.40 | 23   |
| 8000PC.20.06.50B          | B      | £379.09 | 23   |
| 8000PC.20.06.50R          | R      | £379.09 | 23   |
| 8000PC.20.09.50G          | G      | £398.79 | 23   |
| 8000PC.20.13.50B          | B      | £582.74 | 23   |
| 8000PC.20.13.50R          | R      | £582.74 | 23   |
| 8000PC.26.13.25B          | B      | £507.16 | 23   |
| 8000PC.26.13.25R          | R      | £507.16 | 23   |
| 8000PC.32.13.25G          | G      | £475.80 | 23   |

## McFlow Press Fittings

|                   |   |        |    |
|-------------------|---|--------|----|
| 8001.16.90W       | W | £9.24  | 24 |
| 8001.20.90W       | W | £10.83 | 24 |
| 8001.26.45W       | W | £20.09 | 24 |
| 8001.26.90W       | W | £17.77 | 24 |
| 8001.32.45W       | W | £25.57 | 24 |
| 8001.32.90W       | W | £23.93 | 24 |
| 8001.40.45W       | W | £60.93 | 24 |
| 8001.40.90W       | W | £56.61 | 24 |
| 8001.50.45W       | W | £71.82 | 24 |
| 8001.50.90W       | W | £74.03 | 24 |
| 8001R.16.90W      | W | £35.75 | 27 |
| 8004.16.90W       | W | £13.96 | 24 |
| 8004.16X20X16.90W | W | £16.18 | 24 |
| 8004.20.90W       | W | £16.18 | 24 |
| 8004.20X16X16.90W | W | £16.99 | 24 |
| 8004.32.90W       | W | £31.59 | 24 |
| 8004.20X20X16.90W | W | £18.52 | 24 |
| 8004.20X16X20.90W | W | £16.99 | 24 |
| 8004.20X26X20.90W | W | £23.93 | 24 |
| 8004.26.90W       | W | £23.93 | 24 |
| 8004.26X16X20.90W | W | £23.93 | 24 |
| 8004.26X16X26.90W | W | £23.93 | 24 |
| 8004.26X20X16.90W | W | £23.21 | 24 |
| 8004.26X20X20.90W | W | £23.93 | 24 |
| 8004.26X20X26.90W | W | £23.93 | 24 |
| 8004.26X26X16.90W | W | £24.71 | 24 |
| 8004.26X26X20.90W | W | £25.57 | 24 |
| 8004.32X16X32.90W | W | £33.23 | 24 |
| 8004.32X20X26.90W | W | £32.48 | 24 |

## Index

|                    |    |         |    |
|--------------------|----|---------|----|
| 8004.32X20X32.90W  | W  | £31.59  | 24 |
| 8004.32X26X26.90W  | W  | £36.59  | 24 |
| 8004.32X26X32.90W  | W  | £32.48  | 24 |
| 8004.40.90W        | W  | £86.96  | 24 |
| 8004.40X20X40.90W  | W  | £37.45  | 24 |
| 8004.40X26X40.90W  | W  | £41.22  | 24 |
| 8004.40X32X40.90W  | W  | £42.00  | 24 |
| 8004.50.90W        | W  | £100.03 | 24 |
| 8004.50X20X50.90W  | W  | £82.43  | 25 |
| 8004.50X26X50.90W  | W  | £86.18  | 25 |
| 8004.50X32X50.90W  | W  | £89.82  | 25 |
| 8004.50X40X50.90W  | W  | £113.07 | 25 |
| 8004R.16.90W       | W  | £55.79  | 27 |
| 8010.16W           | W  | £8.44   | 24 |
| 8010.20W           | W  | £8.93   | 24 |
| 8010.26W           | W  | £13.96  | 24 |
| 8010.32W           | W  | £17.77  | 24 |
| 8010.40W           | W  | £48.75  | 24 |
| 8010.50W           | W  | £61.68  | 24 |
| 8015.16X05.35.90BW | BW | £32.10  | 26 |
| 8015.20X05.35.90BW | BW | £49.08  | 26 |
| 8015.20X07.35.90BW | BW | £40.17  | 26 |
| 8015.26X07.35.90BW | BW | £59.77  | 26 |
| 8016.16X06B        | B  | £17.71  | 25 |
| 8016.16X05.90BW    | BW | £17.81  | 26 |
| 8016.20X05B        | B  | £20.12  | 25 |
| 8016.20X05.90BW    | BW | £26.76  | 26 |
| 8016.20X075B       | B  | £19.62  | 25 |
| 8016.20X075.90BW   | BW | £29.68  | 26 |
| 8016.26X075B       | B  | £28.60  | 25 |
| 8016.26X075.90BW   | BW | £35.75  | 26 |
| 8016.26X18         | B  | £33.98  | 25 |
| 8016.32X18         | B  | £42.86  | 25 |
| 8016.32X1.90BW     | BW | £57.94  | 26 |
| 8016.32X125B       | B  | £89.17  | 25 |
| 8016.40X18         | B  | £85.60  | 25 |
| 8016.40X125B       | B  | £78.35  | 25 |
| 8016.50X15B        | B  | £112.15 | 25 |
| 8017.16X06B        | B  | £11.68  | 25 |
| 8017.16X05W        | W  | £7.60   | 25 |
| 8017.16X05.90BW    | BW | £17.81  | 26 |
| 8017.16X075W       | W  | £14.51  | 25 |
| 8017.20X05W        | W  | £9.88   | 25 |
| 8017.20X05.90BW    | BW | £31.18  | 26 |
| 8017.20X075B       | B  | £17.81  | 25 |
| 8017.20X075.90BW   | BW | £34.82  | 26 |
| 8017.20X075W       | W  | £11.85  | 25 |
| 8017.26X075.90BW   | BW | £44.76  | 26 |
| 8017.20X18         | B  | £31.93  | 25 |
| 8017.26X075B       | B  | £23.66  | 25 |
| 8017.26X075.90BW   | BW | £44.76  | 26 |
| 8017.32X18         | B  | £29.42  | 25 |
| 8017.32X18         | B  | £31.18  | 25 |
| 8017.32X1.90BW     | BW | £54.39  | 26 |
| 8017.32X125B       | B  | £41.09  | 25 |
| 8017.40X18         | B  | £77.06  | 25 |

## Index

|                     |    |         |    |
|---------------------|----|---------|----|
| 8017.40X125B        | B  | £74.85  | 25 |
| 8017.40X125.90BW    | BW | £112.15 | 26 |
| 8017.40X15B         | B  | £118.58 | 25 |
| 8017.50X15B         | B  | £119.60 | 25 |
| 8017.50X15.90BW     | BW | £205.42 | 26 |
| 8017.50X28          | B  | £158.88 | 25 |
| 8024.20X16W         | W  | £8.58   | 25 |
| 8024.26X16W         | W  | £13.96  | 25 |
| 8024.26X20W         | W  | £15.52  | 25 |
| 8024.32X20W         | W  | £20.09  | 25 |
| 8024.32X26W         | W  | £19.34  | 25 |
| 8024.40X26W         | W  | £37.45  | 25 |
| 8024.40X32W         | W  | £26.25  | 25 |
| 8024.50X32W         | W  | £54.30  | 25 |
| 8024.50X40W         | W  | £60.93  | 25 |
| 8027.16X15B         | B  | £13.83  | 25 |
| 8027.20X22B         | B  | £18.76  | 25 |
| 8027.26X22B         | B  | £30.37  | 25 |
| 8027.32X28B         | B  | £28.98  | 25 |
| 8030.16W            | W  | £7.74   | 27 |
| 8030.20W            | W  | £9.24   | 27 |
| 8030.26W            | W  | £14.68  | 27 |
| 8030.32W            | W  | £16.58  | 27 |
| 8046.16X05X16.90BW  | BW | £33.98  | 26 |
| 8046.20X05X20.90BW  | BW | £39.31  | 26 |
| 8046.20X075X20.90BW | BW | £48.67  | 26 |
| 8046.26X05X26.90BW  | BW | £46.30  | 26 |
| 8046.26X075X26.90BW | BW | £49.97  | 26 |
| 8046.32X05X32.90BW  | BW | £62.46  | 26 |
| 8046.32X075X32.90BW | BW | £62.46  | 26 |
| 8046.32X1X32.90BW   | BW | £66.99  | 26 |
| 8058.16X05BW        | BW | £17.81  | 26 |
| 8058.16X05.90BW     | BW | £45.00  | 26 |
| 8058.16X075BW       | BW | £17.81  | 26 |
| 8058.16X075.90BW    | BW | £45.44  | 26 |
| 8058.20X075BW       | BW | £20.54  | 26 |
| 8058.20X075.90BW    | BW | £50.08  | 26 |
| 8058.20X18W         | BW | £25.06  | 26 |
| 8058.26X075BW       | BW | £44.76  | 26 |
| 8058.26X18W         | BW | £30.37  | 26 |
| 8058.26X1.90BW      | BW | £96.59  | 26 |
| 8058.26X125BW       | BW | £35.75  | 26 |
| 8058.26X15BW        | BW | £53.47  | 26 |
| 8058.32X18W         | BW | £55.24  | 26 |
| 8058.32X125BW       | BW | £56.91  | 26 |
| 8058.32X15BW        | BW | £73.62  | 26 |
| 8058.40X125BW       | BW | £112.15 | 26 |
| 8058.40X15BW        | BW | £123.31 | 26 |
| 8058.50X175BW       | BW | £165.41 | 26 |
| 8058.50X28W         | BW | £154.11 | 26 |
| 8080.02X075         | M  | £55.42  | 23 |
| 8080.03X075         | M  | £77.52  | 23 |
| 8080.04X075         | M  | £99.46  | 23 |
| 8080.05X075         | M  | £130.50 | 23 |
| 8081.075.BR         | M  | £8.87   | 23 |
| 8082.075.FP         | M  | £6.05   | 23 |

## Index

|              |   |           |    |
|--------------|---|-----------|----|
| 8083.16X2.EF | M | £8.40     | 23 |
| 8083.20X2.EF | M | £9.43     | 23 |
| 8950.16X20G  |   | £41.37    | 28 |
| 8950.16X32G  |   | £348.98   | 28 |
| 8950.16X75G  |   | £457.87   | 28 |
| 8960.16T     |   | £33.90    | 28 |
| 8960.20T     |   | £37.68    | 28 |
| 8960V.26T    |   | £174.12   | 28 |
| 8960V.32T    |   | £179.98   | 28 |
| 8970.16T     |   | £75.76    | 28 |
| 8970.20T     |   | £90.78    | 28 |
| 8980.16X32G  |   | £51.70    | 28 |
| 8980.16X32T  |   | £286.23   | 28 |
| 8980.40T     |   | £208.49   | 28 |
| 8980.50T     |   | £405.67   | 28 |
| 8990.16T     |   | £398.23   | 28 |
| 8990.20T     |   | £598.23   | 28 |
| 8990.26T     |   | £598.23   | 28 |
| 8990.32T     |   | £623.28   | 28 |
| 8990.40T     |   | £929.09   | 28 |
| 8990.50T     |   | £1,156.91 | 28 |
| 8990M.16T    |   | £613.34   | 28 |
| 8990M.20T    |   | £613.34   | 28 |
| 8990M.26T    |   | £823.28   | 28 |
| 8990M.32T    |   | £874.59   | 28 |
| 8990M.40T    |   | £884.95   | 28 |



## Introduction

Having pioneered the development of solvent-welded systems, Terrain Soil & Waste products represent the industry benchmark for quality, installation flexibility and product innovation backed by the highest levels of customer service.

Terrain drainage systems include an extensive range of soil and waste drainage products for high-rise residential, hotels, hospitals, schools and public sector developments, all built on the strength of the Terrain brand.

Systems include solvent-welded and push-fit options for both soil and waste drainage, overflow and trap systems and a comprehensive range of adaptors and accessories – all available in a range of colours.

Terrain PVC Pipe is now also available manufactured with up to 65% recycled content – combining performance with sustainability.

- Industry leading range of solvent and push-fit soil and waste solutions.
- Unique products offer unrivalled installation options.
- Adaptable to our Terrain FUZE and Terrain Q systems.
- Includes a number of unique UK fittings making it versatile for a number of applications.

## Terrain PVC Drainage - Product Ranges

### 100-Solvent **Terrain Soil System**

#### *PVCu soil pipes and fittings*

- 82, 110 and 160mm integrated systems
- Wide range of bends, branches and access fittings to meet all application requirements
- Great problem solving products in the range

### 100P-PushFit **Terrain Soil System**

#### *PVCu soil pipes and fittings for push-fit jointing*

- 82, 110, 160mm integrated systems
- Saves time and labour costs

### 200-Solvent **Terrain Waste System**

#### *Solvent-welded MuPVC system*

- 32, 40 and 50mm integrated systems
- Wide range of bends and adaptors
- Integrated floor gullies

### 300-PushFit **Terrain Waste System**

#### *Push-fit polypropylene system*

- 32 and 40mm integrated systems
- Quick and easy to install
- Saves time and labour costs

### 400-Traps **Terrain Traps**

#### *Polypropylene traps*

- 32 and 40mm polypropylene traps
- Range includes self resealing bottle traps
- All traps have universal compression outlets which, in addition to all Terrain waste pipes, will accept other MuPVC waste pipe

### 500-Overflow **Terrain Overflow System**

#### *Solvent-welded PVCu system for cold, non-pressure water*

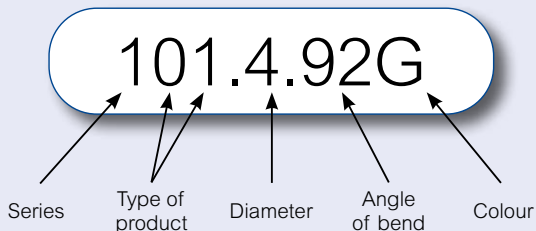
- 19mm PVCu pipe and fittings
- Range of tank connectors

### 600-Solvent **Terrain Waste System**

#### *Solvent-welded ABS system*

- 32, 40 and 50mm integrated systems
- Wide range of bends and adaptors

## A Guide to the Terrain PVC Drainage Product Coding System



### Above Ground Drainage

#### Series

100 = PVCu Solvent Weld Soil  
 100P = PVCu Push-fit Soil  
 200 = MuPVC Solvent Weld Waste  
 300 = PP Push-fit Waste  
 400 = PP Traps  
 500 = PVCu Overflow  
 600 = ABS Waste

#### Type of Product

100 = Pipe  
 101 = Bend (Double Socket)  
 104 = Branch  
 106 = Corner Branches  
 107 = Bend (Spigot Socket)  
 110/111 = Couplings  
 13x = Access Fittings


#### Diameter


1.25 = 1¼" or 32mm N/D waste  
 1.5 = 1½" or 40mm N/D waste  
 2 = 2" or 50mm N/D waste  
 3 = 3" or 82mm O/D soil  
 4 = 4" or 110mm O/D soil  
 6 = 6" or 160mm O/D soil

#### Colour

G - Grey - RAL 7023  
 B - Black - RAL 9005  
 W - White - RAL 9010

Products marked in the product listings are:

 - Available in .DWG file format.

 - Available in .RFA and .ADSK file format.

These files are ready to incorporate into design drawings. If you would like the files in the relevant format, simply contact the Advantage Team on 01622 795200 or email [commercialenquiries@polypipe.com](mailto:commercialenquiries@polypipe.com).



BSI kitemark certified



## Soil Systems - 100 Solvent



| Size mm          | Angle | Col | Pack/Box | Code            | Price Each     |
|------------------|-------|-----|----------|-----------------|----------------|
| <b>Soil pipe</b> |       |     |          |                 |                |
| Plain ended.     |       |     |          |                 |                |
| 82 (3m)          |       | GB  | 2/88     | <b>100.3.30</b> | <b>£144.52</b> |
| 82 (4m)          |       | GBW | 2/88     | <b>100.3.40</b> | <b>£189.26</b> |
| 110 (3m)         |       | GBW | 2/48     | <b>100.4.30</b> | <b>£140.58</b> |
| 110 (4m)         |       | GBW | 2/48     | <b>100.4.40</b> | <b>£187.36</b> |
| 160 (3m)         |       | G   | 1/33     | <b>100.6.30</b> | <b>£382.96</b> |
| 160 (4m)         |       | G   | 1/33     | <b>100.6.40</b> | <b>£500.54</b> |

**110mm and 160mm Grey pipe now with up to 65% recycled content**

### Ring seal adaptor



Converts Terrain solvent socket to a ring seal expansion socket. Note: Requires solventing

|     |  |     |        |              |               |
|-----|--|-----|--------|--------------|---------------|
| 82  |  | GB  | 10/120 | <b>109.3</b> | <b>£16.23</b> |
| 110 |  | GBW | 10/80  | <b>109.4</b> | <b>£15.15</b> |
| 160 |  | G   | 5/60   | <b>109.6</b> | <b>£42.83</b> |

### Straight coupler double socket



Double solvent socket.

|     |  |     |      |              |               |
|-----|--|-----|------|--------------|---------------|
| 82  |  | GBW | 5/85 | <b>110.3</b> | <b>£25.03</b> |
| 110 |  | GBW | 5/60 | <b>110.4</b> | <b>£30.43</b> |
| 160 |  | G   | 10   | <b>110.6</b> | <b>£90.31</b> |

### Expansion coupler



To allow expansion in longer pipe runs. Installation guide is in the technical manual.

|     |  |     |      |              |                |
|-----|--|-----|------|--------------|----------------|
| 82  |  | GBW | 5/65 | <b>111.3</b> | <b>£38.28</b>  |
| 110 |  | GBW | 10   | <b>111.4</b> | <b>£37.18</b>  |
| 160 |  | G   | 5    | <b>111.6</b> | <b>£117.86</b> |

### Slip coupler



Double ring seal socket. No central stop.

|     |  |    |      |                |                |
|-----|--|----|------|----------------|----------------|
| 82  |  | G  | 5/30 | <b>111.S.3</b> | <b>£79.51</b>  |
| 110 |  | GB | 5/15 | <b>111.S.4</b> | <b>£66.89</b>  |
| 160 |  | G  | 5    | <b>111.S.6</b> | <b>£144.50</b> |

### Swept bend double socket




































|                                |       |     |      |                  |                |
|--------------------------------|-------|-----|------|------------------|----------------|
| 92° Swept bend double socket   |       |     |      |                  |                |
| 82                             | 92°   | GBW | 5/40 | <b>101.3.92</b>  | <b>£62.91</b>  |
| 110                            | 92°   | GBW | 10   | <b>101.4.92</b>  | <b>£71.51</b>  |
| 160                            | 92°   | G   | 2    | <b>101.6.92</b>  | <b>£187.35</b> |
| 135° Swept bend double socket  |       |     |      |                  |                |
| 82                             | 135°  | GBW | 5/50 | <b>101.3.135</b> | <b>£62.91</b>  |
| 110                            | 135°  | GBW | 5/30 | <b>101.4.135</b> | <b>£71.51</b>  |
| 160                            | 135°  | G   | 4    | <b>101.6.135</b> | <b>£183.24</b> |
| 104° Swept bend double socket  |       |     |      |                  |                |
| 110                            | 104°  | G   | 5/20 | <b>101.4.104</b> | <b>£74.49</b>  |
| 112½° Swept bend double socket |       |     |      |                  |                |
| 110                            | 112½° | GB  | 5/20 | <b>101.4.112</b> | <b>£74.49</b>  |











## Soil Systems - 100 Solvent

| Size mm  | Angle        | Col | Pack/Box | Code              | Price Each     |
|--|--------------|-----|----------|-------------------|----------------|
| <b>Spigot socket bends</b>                                 |              |     |          |                   |                |
| Long tail.   |              |     |          |                   |                |
| 82   | 92°          | G   | 5/40     | <b>107.3.92</b>   | <b>£62.14</b>  |
| 110  | 92°          | GBW | 10       | <b>107.4.92</b>   | <b>£69.33</b>  |
| 110  | 135°         | GBW | 15       | <b>107.4.135</b>  | <b>£77.79</b>  |
| <b>Variable bend - adjustable 0-25°</b>                    |              |     |          |                   |                |
| Double spigot.   |              |     |          |                   |                |
| 110  | 0-25°        | G   | 10       | <b>101.4.025</b>  | <b>£136.76</b> |
| Spigot/socket.   |              |     |          |                   |                |
| 110  | 0-25°        | G   | 10       | <b>107.4.025</b>  | <b>£137.27</b> |
| <b>Swept entry equal branch</b>                            |              |     |          |                   |                |
| With boss connections.                                     |              |     |          |                   |                |
| 104.3.92   | 2 boss horns |     |          |                   |                |
| 104.4.92   | 3 boss horns |     |          |                   |                |
| 104.4.924  | 4 boss horns |     |          |                   |                |
| 104.6.92   | 5 boss horns |     |          |                   |                |
| 104.4.104  | 2 boss horns |     |          |                   |                |
| Connect to boss horns using 117 boss adaptors see page 36. |              |     |          |                   |                |
| 82   | 92°          | GBW | 5/25     | <b>104.3.92</b>   | <b>£87.89</b>  |
| 110  | 92°          | GBW | 7        | <b>104.4.92</b>   | <b>£94.60</b>  |
| 110  | 92°          | G   | 5        | <b>104.4.924</b>  | <b>£117.33</b> |
| 110  | 104°         | G   | 5/10     | <b>104.4.104</b>  | <b>£119.54</b> |
| 160  | 92°          | G   | 4        | <b>104.6.92</b>   | <b>£211.18</b> |
| <b>Single equal branch</b>                                 |              |     |          |                   |                |
| No boss connections. Solvent weld all sockets.             |              |     |          |                   |                |
| 82   | 135°         | G   | 5/25     | <b>104.3.135</b>  | <b>£87.89</b>  |
| 110  | 135°         | GBW | 6        | <b>104.4.135</b>  | <b>£98.70</b>  |
| 160  | 135°         | G   | 3/54     | <b>104.6.135</b>  | <b>£403.08</b> |
| <b>Single branch spigot outlet</b>                         |              |     |          |                   |                |
| With boss connections. 4 boss horns.                       |              |     |          |                   |                |
| 110  | 92°          | GB  | 4        | <b>104.104.92</b> | <b>£123.32</b> |
| Connect to boss horns using 117 boss adaptors see page 36. |              |     |          |                   |                |
| <b>Single equal branch variable boss</b>                   |              |     |          |                   |                |
| 3 boss horns. 2 waste sockets.                             |              |     |          |                   |                |
| Spigot outlet.   |              |     |          |                   |                |
| <b>UNIQUE</b> 110  | 92°          | G   | 4        | <b>104.412.92</b> | <b>£218.27</b> |
| Socket outlet  |              |     |          |                   |                |
| 110  | 92°          | G   | 3        | <b>104.422.92</b> | <b>£222.36</b> |
| Insert plugs not sold separately.                          |              |     |          |                   |                |
| Connect to boss horns using 117 boss adaptors see page 36. |              |     |          |                   |                |



















## Soil Systems - 100 Solvent

|  | Size mm                           | Angle | Col   | Pack/<br>Box | Code        | Price<br>Each |
|--|-----------------------------------|-------|---|--------------|-------------|---------------|
| Single unequal branch triple socket  |                                   |       |   |              |             |               |
|    | 2 boss horns.                     |       |   |              |             |               |
|  | 160/110                           | 92½   |   G   | 3            | 104.64.92   | £238.43       |
|    | No waste boss connections.        |       |   |              |             |               |
|  | 160/110                           | 135   |   G   | 2            | 104.64.135  | £250.75       |
| Corner branch all socket   |                                   |       |   |              |             |               |
|    | 2 boss horns.                     |       |   |              |             |               |
|  | 110                               | 92½   |   G   | 5            | 106.490.92  | £421.99       |
| UNIQUE Corner boss branch  |                                   |       |   |              |             |               |
|    | 2 boss horns. 2 waste sockets.    |       |   |              |             |               |
|  | Spigot outlet                     |       |   |              |             |               |
|  | 110                               | 92½   | G   | 7            | 106.490.12  | £489.10       |
|  | Socket outlet                     |       |   |              |             |               |
|    | 110                               | 92½   |  G   | 3            | 106.490.22  | £489.10       |
|  | Insert plugs not sold separately. |       |   |              |             |               |
| Double branch  |                                   |       |   |              |             |               |
|    | 4 boss horns. Spigot outlet.      |       |   |              |             |               |
|  | 110                               | 92½   |   G   | 2            | 106.104.92  | £238.97       |
|    | 110                               | 135   | G   | 4            | 106.104.135 | £238.97       |
|   | 2 boss horns. Socket outlet.      |       |   |              |             |               |
|  | 110                               | 92½   |    GW        | 2            | 106.4.92    | £204.42       |
|   | Socket outlet.                    |       |   |              |             |               |
|  | 110                               | 135   |   G   | 5            | 106.4.135   | £249.76       |
| Double unequal branch  |                                   |       |   |              |             |               |
|  | 2 boss horns. Socket outlet.      |       |   |              |             |               |
|  | 160/110                           | 92½   |    G   | 2            | 106.64.92   | £444.20       |
| Access pipe double socket  |                                   |       |   |              |             |               |
|  | 110                               |       |    GBW | 10           | 138.4       | £75.17        |
|  | 160                               |       |   G   | 10           | 138.6*      | £293.18       |
| *Cannot be used with 109.6   |                                   |       |   |              |             |               |




















## Soil Systems - 100 Solvent

|   | Size mm  | Angle | Col       | Pack/<br>Box | Code      | Price<br>Each |
|---|--|-------|-----------|--------------|-----------|---------------|
| <b>Access pipe spigot outlet</b>  |  |       |           |              |           |               |
|    | 110  |       | ☑ ☐ ☐ GB  | 10           | 139.4     | £77.04        |
|   | 160  |       | ☐ ☐ G     | 10           | 139.6*    | £120.60       |
| *Cannot be used with 109.6  |  |       |           |              |           |               |
| <b>Access pipe connector</b>  |  |       |           |              |           |               |
|    | 2 boss horns.  |       |           |              |           |               |
|   | 82   |       | ☐ GW      | 12           | 137.3     | £157.25       |
|    | 4 boss horns.  |       |           |              |           |               |
|   | 110  |       | ☑ ☐ GBW   | 8            | 137.4     | £96.64        |
| <b>Access bend double socket</b>  |  |       |           |              |           |               |
|    | 110  | 92½   | ☑ ☐ GB    | 24           | 103.4.92  | £198.40       |
| <b>Single access branch triple socket</b>   |  |       |           |              |           |               |
|    | 4 boss horns.  |       |           |              |           |               |
|   | 110  | 92½   | ☑ ☐ G     | 6            | 105.4.92  | £165.55       |
|    | No boss connections.   |       |           |              |           |               |
|   | 160  | 135   | G         |              | 105.6.135 | £186.99       |
| <b>Pipe access door</b>   |  |       |           |              |           |               |
|    | 82   |       | ☑ ☐ G     | 5            | 135.3     | £87.12        |
|   | 110  |       | ☑ ☐ GB    | 5/45         | 135.4     | £83.11        |
|   | 160  |       | ☑ ☐ G     | 5/50         | 135.6     | £152.85       |
| <b>Access cap</b>   |  |       |           |              |           |               |
|   | 82   |       | ☑ ☐ ☐ GB  | 5/70         | 136.3     | £59.25        |
|   | 110  |       | ☑ ☐ ☐ GBW | 5/30         | 136.4     | £67.85        |
|   | 160  |       | ☑ ☐ ☐ G   | 5/35         | 136.6     | £134.34       |
| Note: Can be solvent welded to either pipe spigot or socket                         |  |       |           |              |           |               |
| <b>Access door with test nipple</b>   |  |       |           |              |           |               |
|  | Standard oval access door with 1/4" test nipple for manometer connection. Can be used on 139.4, 139P.4, 138.4, 137.4, 105.4.92 & 105P.4.92 |       |           |              |           |               |
|   | 110  |       | G         | 50           | 6592/DVW* | £104.67       |
| *Fabricated item.   |  |       |           |              |           |               |
| <b>Spare access door</b>  |  |       |           |              |           |               |
|  | Spare door for 139.4, 139P.4, 138.4, 137.4, 105.4.92 & 105P.4.92   |       |           |              |           |               |
|   | 110  |       | G         | 1            | 137.4.502 | £31.36        |








## Soil Systems - 100 Solvent

|   | Size mm  | Angle   | Col  | Pack/Box | Code             | Price Each     |
|---|--|---|------|----------|------------------|----------------|
| <b>Thermal movement limiter</b>   |  |   |      |          |                  |                |
|    | To support horizontal long run. Galvanized 13 S.W.G Mild Steel           |   |      |          |                  |                |
|   | 82   |    | Self | 20       | <b>190.3</b>     | <b>£126.21</b> |
|   | 110  |    | Self | 5/15     | <b>190.4</b>     | <b>£133.46</b> |
|   | 160  |    | Self | 5        | <b>190.6</b>     | <b>£217.67</b> |
| <b>Intermediate support bracket</b>   |  |   |      |          |                  |                |
|    | To support horizontal pipework. Galvanized 13 S.W.G Mild Steel           |   |      |          |                  |                |
|   | 82   |   | Self | 30       | <b>191.3</b>     | <b>£64.24</b>  |
|   | 110  |    | Self | 20       | <b>191.4</b>     | <b>£67.84</b>  |
|   | 160  |   | Self | 10       | <b>191.6</b>     | <b>£93.43</b>  |
| <b>Two piece pipe bracket</b>   |  |   |      |          |                  |                |
|     | Galvanised steel. Galvanized 13 S.W.G Mild Steel                         |   |      |          |                  |                |
|   | 82   |    | Self | 10/40    | <b>140.3</b>     | <b>£20.35</b>  |
|   | 110  |    | Self | 10/30    | <b>140.4</b>     | <b>£20.58</b>  |
|   | 160  |    | Self | 5/25     | <b>140.6</b>     | <b>£50.88</b>  |
| <b>One piece pipe bracket</b>   |  |   |      |          |                  |                |
|     | Can be used as an anchor or intermediate support bracket.                |   |      |          |                  |                |
|   | 82   |    | GBW  | 10/150   | <b>143.3</b>     | <b>£14.54</b>  |
|   | 110  |    | GBW  | 10/80    | <b>143.4</b>     | <b>£13.23</b>  |
| <b>Adjustable pipe bracket plastic coated</b>                                       |  |   |      |          |                  |                |
|     | Self coloured backplate.   |   |      |          |                  |                |
|   | 110  |    | BW   | 1/30     | <b>144.4</b>     | <b>£27.43</b>  |
| <b>Weathering apron</b>   |  |   |      |          |                  |                |
|   | Makes weathertight cover between soil pipe and lead slate at roof level. |   |      |          |                  |                |
|   | For lead slates.   |   |      |          |                  |                |
|   | 82   |  | GB   | 60       | <b>131.3</b>     | <b>£18.44</b>  |
|   | For asphalt upstand.   |   |      |          |                  |                |
|   | 110  |  | GBW  | 5/90     | <b>131.4</b>     | <b>£20.23</b>  |
|   | 82   |   | G    | 5/40     | <b>131.3.200</b> | <b>£77.86</b>  |
|   | 110  |   | G    | 30       | <b>131.4.200</b> | <b>£74.31</b>  |
| <b>Vent Cowl</b>  |  |   |      |          |                  |                |
|  | 82   |  | G    | 5/120    | <b>150.3</b>     | <b>£18.15</b>  |
|   | 110  |  | GBW  | 5/180    | <b>150.4</b>     | <b>£17.39</b>  |
|   | 160  |  | G    | 5/65     | <b>150.6</b>     | <b>£48.80</b>  |




## Soil Systems - 100 Solvent

|   | Size mm   | Angle   | Col | Pack/Box | Code             | Price Each     |
|---|---|---|-----|----------|------------------|----------------|
| <b>Duct cowl</b>  |   |   |     |          |                  |                |
|    | Stops rainwater from entering ventilation ducts.  |   |     |          |                  |                |
|   | 110   |    | GB  | 14       | <b>152.4</b>     | <b>£79.73</b>  |
|   | 160   |   | G   | 12       | <b>152.6</b>     | <b>£206.66</b> |
| <b>Automatic air admittance valve</b>   |   |   |     |          |                  |                |
|    | Allows air to enter soil system, protecting water seals in traps from effects of negative pressure. A1 rated, manufactured to BS EN 12380 |   |     |          |                  |                |
|   | 82  |    | W   | 1/18     | <b>153.3</b>     | <b>£208.53</b> |
|   | 110   |    | W   | 1/18     | <b>153.4</b>     | <b>£208.53</b> |
| <b>Two part waste boss solvent socket</b>   |   |   |     |          |                  |                |
|    | 32mm waste socket   |   |     |          |                  |                |
|   | 110/32  |   | G   | 5/200    | <b>112.4.125</b> | <b>£34.18</b>  |
|   | 40mm waste socket   |   |     |          |                  |                |
|   | 82/40   |   | G   | 5/150    | <b>112.3.15</b>  | <b>£35.16</b>  |
|   | 110/40  |   | G   | 5/150    | <b>112.4.15</b>  | <b>£34.18</b>  |
|   | 50mm waste socket   |   |     |          |                  |                |
|    | 110/50  |   | G   | 5/100    | <b>112.4.2</b>   | <b>£34.67</b>  |
|   | 160/50  |    | G   | 5        | <b>112.6.2</b>   | <b>£49.71</b>  |
| <b>Socket plug</b>  |   |   |     |          |                  |                |
|    | For use with 117 boss horn  |   |     |          |                  |                |
|   | 110   |   | G   | 5/50     | <b>130.4</b>     | <b>£42.95</b>  |
|   | 160   |   | G   | 5/35     | <b>130.6</b>     | <b>£82.64</b>  |
| <b>Self locking boss seal ring socket</b>   |   |   |     |          |                  |                |
|   | Installation guide is in the technical manual.  |   |     |          |                  |                |
|   | For 32mm waste pipe.  |   |     |          |                  |                |
|   | 110/32  |    | G   | 10/130   | <b>122.4.125</b> | <b>£46.47</b>  |
|   | For 40mm waste pipe   |   |     |          |                  |                |
|   | 110/40  |  | G   | 10/100   | <b>122.4.15</b>  | <b>£48.55</b>  |
| <b>Single bossed pipe connector double socket</b>                                   |   |   |     |          |                  |                |
|  | 32mm waste socket   |   |     |          |                  |                |
|   | 110/32  |  | GBW | 5/30     | <b>120.4.125</b> | <b>£25.59</b>  |
|   | 40mm waste socket   |   |     |          |                  |                |
|  | 110/40  |  | GBW | 5/30     | <b>120.4.15</b>  | <b>£25.59</b>  |
|   | 50mm waste socket   |   |     |          |                  |                |
|  | 110/50  |  | GBW | 5/30     | <b>123.4*</b>    | <b>£26.99</b>  |
|   | *Requires 117 boss horn. For 50mm use 117.2   |   |     |          |                  |                |

## Soil Systems - 100 Solvent

|  | Size mm   | Angle | Col | Pack/<br>Box | Code              | Price<br>Each  |
|--|---|-------|-----|--------------|-------------------|----------------|
| <b>Single bossed pipe connector socket/spigot</b>                                  |   |       |     |              |                   |                |
|    | Spigot outlet. For 40mm waste socket.   |       |     |              |                   |                |
|  | 110/40  |       | G   | 5/30         | <b>120.412.15</b> | <b>£25.34</b>  |
| <b>Double bossed pipe connector double socket</b>                                  |   |       |     |              |                   |                |
|    | 2 50mm waste sockets. 2 blanking plugs.   |       |     |              |                   |                |
|  | For 50mm waste pipes (40mm with adaptor).<br>82/50    G 5/30 <b>120.3.2</b> <b>£53.97</b>   |       |     |              |                   |                |
| Insert plugs not sold separately.  |   |       |     |              |                   |                |
| <b>Triple bossed pipe connector double socket</b>                                  |   |       |     |              |                   |                |
|    | For 40mm waste pipe. 1 blank plug. That reduces to 32mm socket.   |       |     |              |                   |                |
|  | 110/40  |       | G   | 5/25         | <b>121.4.15</b>   | <b>£42.42</b>  |
| Insert plug not sold separately.   |   |       |     |              |                   |                |
| <b>Four way boss double socket</b>   |   |       |     |              |                   |                |
|    | 2x boss horns, 2x waste sockets. Socket outlet.   |       |     |              |                   |                |
|  | 110   |       | GB  | 9            | <b>120.4.2</b>    | <b>£41.57</b>  |
|  | 160   |       | G   | 4            | <b>120.6.2</b>    | <b>£135.72</b> |
| <b>Four way boss pipe solvent socket/spigot</b>                                    |   |       |     |              |                   |                |
|    | 2x boss horns, 2x waste sockets. Spigot outlet.   |       |     |              |                   |                |
|  | 110   |       | G   | 5/15         | <b>120.412.2</b>  | <b>£42.42</b>  |
| <b>UNIQUE Universal soil manifold</b>  |   |       |     |              |                   |                |
|  | For Solvent waste connections   |       |     |              |                   |                |
|  | For connection of BS 5255 40mm waste pipes at floor level. Incorporates 4 inlets to accept 40mm waste pipes without need for adaptors. Use with Swivel Elbow or Swept Bend. |       |     |              |                   |                |
| For push-fit version see page 39.  |   |       |     |              |                   |                |
|  | 110   |       | G   | 5            | <b>119.412.15</b> | <b>£130.68</b> |
| <b>Reducer spigot/socket</b>   |   |       |     |              |                   |                |
|  | 82/50   |       | G   | 5/90         | <b>124.3.2</b>    | <b>£38.07</b>  |
|  | 110/50  |       | GBW | 5/60         | <b>124.4.2</b>    | <b>£46.15</b>  |
|  | 110/82  |       | GBW | 5/60         | <b>124.4.3</b>    | <b>£47.59</b>  |
|  | 160/110   |       | G   | 5/45         | <b>124.6.4</b>    | <b>£101.38</b> |

## Soil Systems - 100 Solvent

|   | Size mm  | Angle | Col | Pack/<br>Box | Code          | Price<br>Each    |               |
|---|--|-------|-----|--------------|---------------|------------------|---------------|
| Straight boss adaptor ring seal socket  |  |       |     |              |               |                  |               |
|    | For 32mm waste pipe. For use on 58mm boss horn.  |       |     |              |               |                  |               |
|   | 58/32  |       |     | GBW          | 10/180        | <b>117.125</b>   | <b>£13.39</b> |
|   | For 40mm waste pipe. For use on 58mm boss horn.  |       |     |              |               |                  |               |
|   | 58/40  |       |     | GBW          | 5/160         | <b>117.15</b>    | <b>£13.39</b> |
| For 50mm waste pipe. For use on 58mm boss horn.                                     |  |       |     |              |               |                  |               |
|   | 58/50  |       |     | GBW          | 5             | <b>117.2</b>     | <b>£19.06</b> |
| Requires seal 9132, found on page 48.   |  |       |     |              |               |                  |               |
| Boss adaptor bend solvent socket  |  |       |     |              |               |                  |               |
|    | For 40mm waste pipe. For use on 58mm boss horn. Requires an additional seal: 9132, found on page 48.                             |       |     |              |               |                  |               |
|   | 58/40  | 90    |     | GW           | 10/130        | <b>117.15.90</b> | <b>£19.94</b> |
|   | For 50mm waste pipe. For use on 58mm boss horn.  |       |     |              |               |                  |               |
|   | 58/50  | 90    |     | GW           | 10/190        | <b>117.2.90</b>  | <b>£23.92</b> |
|   | 58/50  | 150   |     | G            | 10/120        | <b>117.2.150</b> | <b>£21.73</b> |
| Adaptor to underground drain  |  |       |     |              |               |                  |               |
|    | Push-fit into bore of underground pipe. External use only. Material EN681 rubber.  |       |     |              |               |                  |               |
|   | 110/82   |       | B   | 5/50         | <b>4DW3</b>   | <b>£62.57</b>    |               |
| Adaptor to underground drain pipe   |  |       |     |              |               |                  |               |
|  | Push-fit connection into pipes with nominal 100mm bore. External use only.   |       |     |              |               |                  |               |
|   | 32/40/50   |       | B   | 5/60         | <b>4DW200</b> | <b>£61.22</b>    |               |
| Note: As a Terrain Underground product different discount structure applies.        |  |       |     |              |               |                  |               |
| Adaptor saddles   |  |       |     |              |               |                  |               |
|  | Used with 117 Waste Adaptors to enable direct connection of 32mm, 40mm and 50mm waste pipe to soil pipe. Requires a 57mm holesaw |       |     |              |               |                  |               |
|   | 110/40   |       | G   | 5            | <b>115P.4</b> | <b>£28.66</b>    |               |
| PVCu caulking bush  |  |       |     |              |               |                  |               |
|  | To connect soil pipe to sockets of other material.   |       |     |              |               |                  |               |
|   | 110  |       |     | G            | 5/15          | <b>132.4</b>     | <b>£59.54</b> |

## Soil Systems - 100P Push-fit



| Size mm | Angle | Col | Pack/Box | Code | Price Each |
|---------|-------|-----|----------|------|------------|
|---------|-------|-----|----------|------|------------|

### Soil pipe single socket ended

|          |     |    |      |           |         |
|----------|-----|----|------|-----------|---------|
| 82 (3m)  | 90° | G  | 1/88 | 100P.3.30 | £127.91 |
| 110 (3m) | 90° | GB | 2/67 | 100P.4.30 | £126.29 |
| 110 (4m) | 90° | G  | 2/67 | 100P.4.40 | £169.65 |
| 160 (3m) | 90° | G  | 1/33 | 100P.6.30 | £352.69 |
| 160 (4m) | 90° | G  | 1/33 | 100P.6.40 | £470.43 |

**110mm and 160mm Grey pipe now with recycled content.**

### Slip coupler double socket

|                  |  |   |      |         |        |
|------------------|--|---|------|---------|--------|
| No central stop. |  |   |      |         |        |
| 110              |  | G | 5/40 | 111.SP4 | £53.00 |

### Straight coupler double socket

|                    |     |    |       |        |         |
|--------------------|-----|----|-------|--------|---------|
| With central stop. |     |    |       |        |         |
| 82                 | 90° | G  | 10/30 | 110P.3 | £50.21  |
| 110                | 90° | GB | 5/40  | 110P.4 | £42.54  |
| 160                | 90° | G  | 5     | 110P.6 | £105.77 |

### Pipe end socket spigot/socket

|     |     |    |       |        |        |
|-----|-----|----|-------|--------|--------|
| 82  | 90° | G  | 10/60 | 111P.3 | £27.94 |
| 110 | 90° | GB | 20    | 111P.4 | £29.76 |
| 160 | 90° | G  | 5/15  | 111P.6 | £97.43 |

### Swept bend spigot/socket

|                                |       |    |      |            |         |
|--------------------------------|-------|----|------|------------|---------|
| 92½° Swept bend spigot/socket: |       |    |      |            |         |
| 82                             | 92½°  | G  | 5/25 | 101P.3.92  | £62.41  |
| 110                            | 92½°  | GB | 10   | 101P.4.92  | £63.92  |
| 160                            | 92½°  | G  | 4    | 101P.6.92  | £205.45 |
| 112° Swept bend spigot/socket: |       |    |      |            |         |
| 110                            | 112½° | G  | 10   | 101P.4.112 | £74.34  |
| 135° Swept bend spigot/socket: |       |    |      |            |         |
| 82                             | 135°  | G  | 5/40 | 107P.3.135 | £54.89  |
| 110                            | 135°  | GB | 15   | 107P.4.135 | £64.56  |
| 160                            | 135°  | G  | 8    | 107P.6.135 | £194.56 |

### Tight radius bend spigot/socket

|     |      |   |    |           |        |
|-----|------|---|----|-----------|--------|
| 110 | 92½° | G | 10 | 107P.4.92 | £65.94 |
|-----|------|---|----|-----------|--------|

## UNIQUE

### 2 Part variable bend

|     |         |   |     |            |         |
|-----|---------|---|-----|------------|---------|
| 110 | 20-87½° | G | 1/8 | 107P.4.VAR | £125.55 |
|-----|---------|---|-----|------------|---------|

## Soil Systems - 100P Push-fit

| Size mm | Angle | Col | Pack/Box | Code | Price Each |
|---------|-------|-----|----------|------|------------|
|---------|-------|-----|----------|------|------------|

### Double socket bend

|     |      |   |      |           |        |
|-----|------|---|------|-----------|--------|
| 110 | 92½° | G | 5/15 | 101D.4.92 | £78.69 |
|-----|------|---|------|-----------|--------|

### Single branch spigot outlet

With boss connections.

2 boss horns.

|    |      |   |      |           |        |
|----|------|---|------|-----------|--------|
| 82 | 92½° | G | 5/15 | 104P.3.92 | £99.82 |
|----|------|---|------|-----------|--------|

5 boss horns.

|     |      |    |   |           |        |
|-----|------|----|---|-----------|--------|
| 110 | 92½° | GB | 8 | 104P.4.92 | £86.22 |
|-----|------|----|---|-----------|--------|

|     |      |   |   |           |         |
|-----|------|---|---|-----------|---------|
| 160 | 92½° | G | 4 | 104P.6.92 | £238.06 |
|-----|------|---|---|-----------|---------|

|     |       |   |   |            |         |
|-----|-------|---|---|------------|---------|
| 110 | 112½° | G | 5 | 104P.4.112 | £126.78 |
|-----|-------|---|---|------------|---------|

### Single unequal branch spigot outlet

5 boss horns.

|         |      |   |   |            |         |
|---------|------|---|---|------------|---------|
| 160/110 | 87½° | G | 5 | 104P.64.92 | £234.24 |
|---------|------|---|---|------------|---------|

### Single equal branch plain

No boss connections.

|    |      |   |      |            |         |
|----|------|---|------|------------|---------|
| 82 | 135° | G | 4/20 | 104P.3.135 | £162.74 |
|----|------|---|------|------------|---------|

|     |      |   |   |            |        |
|-----|------|---|---|------------|--------|
| 110 | 135° | G | 6 | 104P.4.135 | £90.67 |
|-----|------|---|---|------------|--------|

|     |      |   |   |            |         |
|-----|------|---|---|------------|---------|
| 160 | 135° | G | 4 | 104P.6.135 | £186.18 |
|-----|------|---|---|------------|---------|

## UNIQUE

### Corner boss branch




Spigot outlet

|     |      |   |     |             |         |
|-----|------|---|-----|-------------|---------|
| 110 | 92½° | G | 1/6 | 106E.490.12 | £469.15 |
|-----|------|---|-----|-------------|---------|








### Corner branch spigot outlet

|     |      |   |   |             |         |
|-----|------|---|---|-------------|---------|
| 110 | 92½° | G | 2 | 106P.490.92 | £212.99 |
|-----|------|---|---|-------------|---------|








## Soil Systems - 100P Push-fit

|  | Size mm   | Angle | Col | Pack/<br>Box | Code               | Price<br>Each  |
|--|---|-------|-----|--------------|--------------------|----------------|
| <b>Single branch socket outlet</b>   |   |       |     |              |                    |                |
|    | No boss connections.  |       |     |              |                    |                |
|  | 110   | 135   | G   | 12           | <b>104E.4.135</b>  | <b>£100.08</b> |
| <b>Branch socket outlet</b>  |   |       |     |              |                    |                |
|    | 3 boss horns.   |       |     |              |                    |                |
|  | 110   | 92½   | G   | 9            | <b>104E.4.92</b>   | <b>£99.72</b>  |
| <b>UNIQUE Single equal branch variable boss</b>                                    |   |       |     |              |                    |                |
|    | 3 boss horns.<br>2 50mm waste sockets with blanking plugs.                |       |     |              |                    |                |
|  | 110   | 92½   | G   | 4            | <b>104E.412.92</b> | <b>£223.61</b> |
| <b>Adjustable bend spigot outlet</b>   |   |       |     |              |                    |                |
|    | 110   | 0-25  | G   | 5/25         | <b>107P.4.025</b>  | <b>£140.50</b> |
| <b>Double equal branch spigot outlet</b>   |   |       |     |              |                    |                |
|    | 4 boss connections.   |       |     |              |                    |                |
|  | 110   | 92½   | G   | 2            | <b>106P.4.92</b>   | <b>£234.90</b> |
| <b>Access pipe and cover single socket</b>   |   |       |     |              |                    |                |
|  | 82  | ▽     | GB  | 10           | <b>139P.3</b>      | <b>£125.03</b> |
|  | 110   | ▽     | GB  | 10           | <b>139P.4</b>      | <b>£116.77</b> |
|  | Access door aperture size:<br>172 x 130mm diameter – secured by 2 screws. |       |     |              |                    |                |
|  | 160   | ▽     | G   | 1/5          | <b>139P.6</b>      | <b>£234.76</b> |
|  |   |       |     |              |                    |                |

## Soil Systems - 100P Push-fit

|   | Size mm  | Angle | Col | Pack/<br>Box | Code              | Price<br>Each  |
|---|--|-------|-----|--------------|-------------------|----------------|
| <b>Access bend single socket</b>  |  |       |     |              |                   |                |
|    | Access door aperture size:<br>110 x 80mm diameter – secured by locking mechanism (use self tapping screw for anti-vandal locking).   |       |     |              |                   |                |
|   | 82   | 92½   | G   | 12           | <b>103P.3.92</b>  | <b>£245.76</b> |
|   | 110  | 92½   | G   | 10           | <b>103P.4.92</b>  | <b>£179.85</b> |
| <b>Access single equal branch single outlet</b>                                     |  |       |     |              |                   |                |
|    | With waste boss connections. 4 boss horns.<br>Access door aperture size:<br>114 x 80mm diameter – secured by locking mechanism (use self tapping screw for anti-vandal locking). |       |     |              |                   |                |
|   | 82   | 92½   | G   | 10           | <b>105P.3.92</b>  | <b>£225.21</b> |
|   | 110  | 92½   | G   | 4            | <b>105P.4.92</b>  | <b>£210.50</b> |
| <b>Access door with test nipple</b>   |  |       |     |              |                   |                |
|    | Standard oval access door with test nipple for manometer connection.   |       |     |              |                   |                |
|   | 127  |       | G   | 50           | <b>6592/DVW*</b>  | <b>£104.67</b> |
| *Fabricated item.   |  |       |     |              |                   |                |
| <b>Spare access door</b>  |  |       |     |              |                   |                |
|    | Spare door for 139.4, 139P.4, 138.4, 137.4, 105.4.92 & 105P.4.92   |       |     |              |                   |                |
|   | 110  |       | G   | 1            | <b>137.4.502</b>  | <b>£31.36</b>  |
| <b>Access Cap</b>   |  |       |     |              |                   |                |
|    | Spigot outlet.   |       |     |              |                   |                |
|   | 82   | ▽     | G   | 5/40         | <b>136P.3</b>     | <b>£50.90</b>  |
|   | 110  |       | G   | 24           | <b>136P.4</b>     | <b>£57.29</b>  |
|   | 160  |       | G   | 15           | <b>136P.6</b>     | <b>£141.17</b> |
| <b>Strap-on boss</b>  |  |       |     |              |                   |                |
|  | For 32mm waste pipe.   |       |     |              |                   |                |
|   | 110/32   |       | GB  | 10/100       | <b>112P.4.125</b> | <b>£29.04</b>  |
|   | For 40mm waste pipe.   |       |     |              |                   |                |
|   | 110/40   |       | GB  | 10/90        | <b>112P.4.15</b>  | <b>£29.04</b>  |
|   | For 50mm waste pipe.   |       |     |              |                   |                |
|   | 110/50   |       | GB  | 10/80        | <b>112P.4.2</b>   | <b>£29.39</b>  |
| <b>Straight boss adaptors</b>   |  |       |     |              |                   |                |
|  | For 32mm waste pipe. Use on 82, 110 & 160mm stacks.  |       |     |              |                   |                |
|   | 82, 110, 160   | ▽     | GBW | 10/180       | <b>117.125</b>    | <b>£13.39</b>  |
|   | For 40mm waste pipe. Use on 82, 110 & 160mm stacks.  |       |     |              |                   |                |
|   | 82, 110, 160   | ▽     | GBW | 5/160        | <b>117.15</b>     | <b>£13.39</b>  |
|   | For 50mm waste pipe. Use on 82, 110 & 160mm stacks.  |       |     |              |                   |                |
|   | 82, 110, 160   | ▽     | GBW | 5            | <b>117.2</b>      | <b>£19.06</b>  |

## Soil Systems - 100P Push-fit

|  | Size mm   | Angle | Col | Pack/<br>Box | Code              | Price<br>Each  |
|--|---|-------|-----|--------------|-------------------|----------------|
| <b>Adaptor saddles</b>   |   |       |     |              |                   |                |
|   | Used with 117 Waste Adaptors to enable direct connection of 32mm, 40mm and 50mm waste pipe to soil pipe. Requires a 57mm holesaw. |       |     |              |                   |                |
|  | 110/40  |       | G   | 5            | <b>115P.4</b>     | <b>£28.66</b>  |
| <b>Reducers</b>  |   |       |     |              |                   |                |
|    | 82/50   | ▽     | G   | 5/85         | <b>124P.3.2</b>   | <b>£46.90</b>  |
|  | 110/50  |       | G   | 5/60         | <b>124P.4.2</b>   | <b>£62.25</b>  |
|  | 110/82  |       | G   | 5/30         | <b>124P.4.3</b>   | <b>£62.25</b>  |
|  | 160/110   | ▽     | G   | 5/15         | <b>124P.6.4</b>   | <b>£94.05</b>  |
| <b>Short bossed pipe</b>   |   |       |     |              |                   |                |
|   | With boss connection.<br>For use with 117 boss horn, see page 36.   |       |     |              |                   |                |
|  | 82  | ▽     | G   | 5/15         | <b>123P.3</b>     | <b>£37.01</b>  |
|  | 110   |       | GB  | 10           | <b>123P.4</b>     | <b>£35.67</b>  |
| <b>Three way bossed pipe</b>   |   |       |     |              |                   |                |
|    | 1 boss horn, 2 x 40mm waste bosses.   |       |     |              |                   |                |
|  | 82  |       | G   | 5            | <b>123P.312</b>   | <b>£90.00</b>  |
| <b>Four way boss pipe push-fit socket/spigot</b>                                   |   |       |     |              |                   |                |
|   | 2 boss horns. 2 waste sockets.  |       |     |              |                   |                |
|  | 110   | ▽     | G   | 5/15         | <b>120P.412.2</b> | <b>£45.97</b>  |
|  | 160   |       | G   | 4            | <b>120P.612.2</b> | <b>£150.10</b> |
| <b>Triple boss collar</b>  |   |       |     |              |                   |                |
|  | 2 boss horns. 1 waste socket.   |       |     |              |                   |                |
|  | 110/40  |       | G   | 10/30        | <b>120P.4.15</b>  | <b>£35.67</b>  |
|  | Cannot be used with 109.4   |       |     |              |                   |                |
| <b>Socket Plug</b>   |   |       |     |              |                   |                |
|  | With boss horn.   |       |     |              |                   |                |
|  | 110   | ▽     | G   | 5/50         | <b>130.4</b>      | <b>£42.95</b>  |
|  | 160   | ▽     | G   | 5/35         | <b>130.6</b>      | <b>£82.64</b>  |







## Soil Systems - 100P Push-fit

|   | Size mm   | Angle | Col | Pack/<br>Box | Code             | Price<br>Each  |
|---|---|-------|-----|--------------|------------------|----------------|
| <b>Universal soil manifold</b>  |   |       |     |              |                  |                |
|  | For Push-fit waste connections. For connection of BS EN 1451 / BS 5255 / BS EN 1566 32mm and 40mm waste pipes at floor level.   |       |     |              |                  |                |
|   | Incorporates 4 inlets to accept 32mm or 40mm waste pipes without need for adaptors. Use with Swivel Elbow or Swept Bend. Complete with 4 sealing gaskets, and 3 removable plugs. Please refer to page 35 for bracketry. |       |     |              |                  |                |
|   | <b>For solvent version see page 36.</b>   |       |     |              |                  |                |
|   | 110   |       | G   | 5            | <b>119P.4.15</b> | <b>£132.64</b> |

## Waste Systems - 200 Solvent







|  | Size mm | Angle | Col | Pack/Box | Code       | Price Each |
|--|---------|-------|-----|----------|------------|------------|
| <b>Waste pipe</b>  |         |       |     |          |            |            |
| Plain ended.   |         |       |     |          |            |            |
|    | 32 (3m) | 90°   | GW  | 5        | 200.125.30 | £30.64     |
|  | 32 (4m) | 90°   | GBW | 5        | 200.125.40 | £40.83     |
|  | 40 (3m) | 90°   | GW  | 5        | 200.15.30  | £37.87     |
|  | 40 (4m) | 90°   | GBW | 5        | 200.15.40  | £50.51     |
|  | 50 (3m) | 90°   | GW  | 5        | 200.2.30   | £58.24     |
|  | 50 (4m) | 90°   | GBW | 5        | 200.2.40   | £76.17     |
| <b>Seal ring adaptor</b>   |         |       |     |          |            |            |
| To convert 50mm 207.2 spigot socket bends to expansion fitting.                    |         |       |     |          |            |            |
|    | 50      |       | G   | 5/250    | 209.2      | £15.23     |
| <b>Straight coupler double socket</b>  |         |       |     |          |            |            |
|    | 32      | 90°   | GBW | 10/350   | 210.125    | £6.38      |
|  | 40      | 90°   | GBW | 10/240   | 210.15     | £6.35      |
|  | 50      | 90°   | GBW | 10/120   | 210.2      | £11.56     |
| <b>Union double socket</b>   |         |       |     |          |            |            |
| Threaded union for easy disconnection if required.                                 |         |       |     |          |            |            |
|    | 32      | 90°   | G   | 5/200    | 211.125    | £27.22     |
|  | 40      | 90°   | G   | 5/125    | 211.15     | £35.60     |
|  | 50      | 90°   | G   | 5/90     | 211.2      | £40.58     |
| <b>Expansion coupler seal ring and solvent socket</b>                              |         |       |     |          |            |            |
| Installation guide is in the technical manual.                                     |         |       |     |          |            |            |
|   | 32      | 90°   | GW  | 10/240   | 225.125    | £11.20     |
|  | 40      | 90°   | GW  | 10/180   | 225.15     | £13.83     |
|  | 50      | 90°   | GW  | 5/100    | 225.2      | £18.29     |
| <b>Spigot/socket coupler</b>   |         |       |     |          |            |            |
| To create a close-coupled expansion joint for all MuPVC fittings.                  |         |       |     |          |            |            |
|  | 32      | 90°   | GW  | 5/250    | 227.125    | £11.44     |
|  | 40      | 90°   | GW  | 5/180    | 227.15     | £14.04     |
|  | 50      | 90°   | G   | 5/100    | 227.2      | £18.66     |

## Waste Systems - 200 Solvent








|   | Size mm | Angle | Col | Pack/Box | Code        | Price Each |
|---|---------|-------|-----|----------|-------------|------------|
| <b>Swept bend double socket</b>   |         |       |     |          |             |            |
| 91°, 135° and 165° as standard.   |         |       |     |          |             |            |
| For 91¼° swept bend.  |         |       |     |          |             |            |
|    | 32      | 91¼°  | GBW | 20/220   | 201.125.91  | £6.48      |
|   | 40      | 91¼°  | GBW | 10/140   | 201.15.91   | £7.16      |
|   | 50      | 91¼°  | GBW | 10/70    | 201.2.91    | £12.68     |
| For 135° swept bend   |         |       |     |          |             |            |
|    | 32      | 135°  | GBW | 10/280   | 201.125.135 | £6.48      |
|   | 40      | 135°  | GBW | 10/200   | 201.15.135  | £7.16      |
|   | 50      | 135°  | GBW | 10/100   | 201.2.135   | £12.68     |
| For 165° swept bend   |         |       |     |          |             |            |
|   | 32      | 165°  | G   | 10/320   | 201.125.165 | £10.03     |
|   | 40      | 165°  | G   | 5/200    | 201.15.165  | £12.96     |
|   | 50      | 165°  | G   | 5/250    | 201.2.165   | £17.06     |
| <b>Spigot/socket bends</b>  |         |       |     |          |             |            |
| To change pipe direction in limited-space situations.                               |         |       |     |          |             |            |
|    | 32      | 92½°  | GBW | 10/160   | 207.125.92  | £10.61     |
|   | 40      | 92½°  | GBW | 10/100   | 207.15.92   | £12.13     |
|   | 50      | 92½°  | GW  | 5/50     | 207.2.92    | £17.31     |
|   | 32      | 135°  | GBW | 10/300   | 207.125.135 | £10.76     |
|   | 40      | 135°  | GBW | 10/180   | 207.15.135  | £12.60     |
|   | 50      | 135°  | GW  | 5/100    | 207.2.135   | £17.61     |
|   | 32      | 150°  | G   | 10/260   | 207.125.150 | £11.20     |
|   | 40      | 150°  | G   | 5/200    | 207.15.150  | £12.82     |
| <b>Knuckle bend double socket</b>   |         |       |     |          |             |            |
|   | 32      | 91¼°  | GBW | 10/280   | 202.125.91  | £5.91      |
|   | 40      | 91¼°  | GBW | 10/180   | 202.15.91   | £6.49      |
| <b>Swept cross all socket</b>   |         |       |     |          |             |            |
|  | 40      | 91¼°  | GW  | 5/105    | 206.15.91   | £27.32     |
|   | 50      | 91¼°  | GW  | 5/55     | 206.2.91    | £28.60     |
|   | 50      | 135°  | G   | 5/55     | 206.2.135*  | £190.61    |
| *Fabricated.  |         |       |     |          |             |            |
| <b>Swept tee all socket</b>   |         |       |     |          |             |            |
| 91¼° and 135° as standard.  |         |       |     |          |             |            |
|  | 32      | 91¼°  | GBW | 10/120   | 204.125.91  | £8.70      |
|   | 40      | 91¼°  | GBW | 10/90    | 204.15.91   | £10.98     |
|   | 50      | 91¼°  | GBW | 5/45     | 204.2.91    | £21.44     |
|   | 32      | 135°  | GBW | 10/120   | 204.125.135 | £10.62     |
|   | 40      | 135°  | GBW | 5/80     | 204.15.135  | £13.77     |
|   | 50      | 135°  | GBW | 5/80     | 204.2.135   | £21.44     |



## Waste Systems - 200 Solvent

|   | Size mm   | Angle | Col | Pack/<br>Box | Code              | Price<br>Each |
|---|---|-------|-----|--------------|-------------------|---------------|
| <b>Level invert taper</b>   |   |       |     |              |                   |               |
|    | To reduce socket of any standard fitting to accept a smaller size pipe. Larger end spigot and smaller end socket. |       |     |              |                   |               |
|   | 40/32   |       | GW  | 5/230        | <b>223.15.125</b> | <b>£8.15</b>  |
|   | 50/32   |       | GW  | 10/190       | <b>223.2.125</b>  | <b>£10.07</b> |
|   | 50/40   |       | GW  | 10/160       | <b>223.2.15</b>   | <b>£9.86</b>  |
| <b>Socket reducer</b>   |   |       |     |              |                   |               |
|    | 40/32   |       | GBW | 20/640       | <b>224.15.125</b> | <b>£6.38</b>  |
|   | 50/32   |       | GBW | 10/350       | <b>224.2.125</b>  | <b>£9.19</b>  |
|   | 50/40   |       | GBW | 10/350       | <b>224.2.15</b>   | <b>£11.23</b> |
| <b>Pipe fixing clip</b>   |   |       |     |              |                   |               |
|     | 32  |       | GBW | 20/800       | <b>240.125</b>    | <b>£2.09</b>  |
|   | 40  |       | GBW | 20/700       | <b>240.15</b>     | <b>£2.41</b>  |
|   | 50  |       | GBW | 20/400       | <b>240.2</b>      | <b>£3.19</b>  |
| <b>Expansion fitting fixing clip</b>  |   |       |     |              |                   |               |
|     | To secure control thermal expansion at regular points along pipework.   |       |     |              |                   |               |
|   | 32  |       | W   | 10/750       | <b>242.125</b>    | <b>£2.57</b>  |
|   | 40  |       | W   | 10/500       | <b>242.15</b>     | <b>£2.93</b>  |
|   | 50  |       | GW  | 10/300       | <b>242.2</b>      | <b>£6.19</b>  |
| <b>Access plug</b>  |   |       |     |              |                   |               |
|    | 32  |       | GBW | 10/260       | <b>237.125</b>    | <b>£5.91</b>  |
|   | 40  |       | GBW | 10/320       | <b>237.15</b>     | <b>£5.91</b>  |
|   | 50  |       | GBW | 10/170       | <b>237.2</b>      | <b>£8.44</b>  |
| <b>Weathering apron</b>   |   |       |     |              |                   |               |
|  | To provide weathertight cover over lead slate around 50mm waste pipe penetrating roof.                            |       |     |              |                   |               |
|   | 50  |       | G   | 5/135        | <b>231.2</b>      | <b>£14.00</b> |
| <b>Vent cowl</b>  |   |       |     |              |                   |               |
|  | Socket outlet.  |       |     |              |                   |               |
|   | 50  |       | GW  | 5/300        | <b>250.2</b>      | <b>£15.86</b> |

## Waste Systems - 200 Solvent

|   | Size mm   | Angle | Col  | Pack/<br>Box | Code           | Price<br>Each |
|---|---|-------|------|--------------|----------------|---------------|
| <b>Automatic air admittance valve</b>   |   |       |      |              |                |               |
|    | Allows air into waste system when negative pressure occurs. Helps prevent syphonage of traps. Spigot outlet.  |       |      |              |                |               |
|   | 50  |       | W    | 10/200       | <b>253.2</b>   | <b>£81.10</b> |
| <b>Trapped floor gully</b>  |   |       |      |              |                |               |
|    | Under-floor trap (e.g. for shower areas) with 3 sockets to accept 40mm waste pipe. Seal depth: 50mm. Cleaning access via removable baffle with integral gasket to maintain airtight seal. |       |      |              |                |               |
|   | 110/82  |       | G    | 20           | <b>281.43</b>  | <b>£84.44</b> |
|   | 160/110   |       | GT   | 12           | <b>281.64</b>  | <b>£86.33</b> |
| <b>Floor gully inlets</b>   |   |       |      |              |                |               |
|    | Two-part fitting to be set in standard-tiled floor (e.g. in shower areas). Comprises of raising piece with 150mm square top, and snap-in cover.   |       |      |              |                |               |
|   | 110 PVC   |       | GW   | 36           | <b>282.6</b>   | <b>£30.65</b> |
|   | 110 SS  |       | Self | 36           | <b>283.6</b>   | <b>£64.63</b> |
| <b>Sealed gully raising piece</b>   |   |       |      |              |                |               |
|    | Two-part fitting to be set in standard-tiled floor (e.g. in shower areas). Comprises of raising piece with 150mm square top, and screw in cover.  |       |      |              |                |               |
|   | 110 PVC   |       | GW   | 36           | <b>284.6</b>   | <b>£39.07</b> |
| <b>Adaptor to underground drain pipe</b>  |   |       |      |              |                |               |
|  | Push-fit connection into pipes with nominal 100mm bore. External use only.  |       |      |              |                |               |
|   | 32/40/50  |       | B    | 5/60         | <b>4DW200</b>  | <b>£61.22</b> |
| <b>Caulking bush</b>  |   |       |      |              |                |               |
|  | For connecting MuPVC waste pipe to 50mm socket of other material. Solvent-weld to pipe.   |       |      |              |                |               |
|   | 32/40/50  |       | G    | 10/350       | <b>232</b>     | <b>£15.81</b> |
| <b>Reverse nut adaptor</b>  |   |       |      |              |                |               |
|  | For solvent-weld connection of MuPVC waste pipe (or waste fitting) to BSP male threaded fitting or pipe.  |       |      |              |                |               |
|   | 32/32   |       | W    | 10/300       | <b>218.125</b> | <b>£15.03</b> |
|   | 40/40   |       | W    | 10/250       | <b>218.15</b>  | <b>£14.80</b> |





## Waste Systems - 200 Solvent

| Size mm  | Angle | Col | Pack/<br>Box | Code           | Price<br>Each |
|--|-------|-----|--------------|----------------|---------------|
| <b>200 waste female iron</b>   |       |     |              |                |               |
| For solvent-weld connection of MuPVC waste pipe or fitting to BSP threaded male pipe or fitting.   |       |     |              |                |               |
| Socket and threaded socket   |       |     |              |                |               |
| 32/32  | ▼     | G   | 10/270       | <b>212.125</b> | <b>£11.56</b> |
| 40/40  | ▼     | G   | 10/200       | <b>212.15</b>  | <b>£11.56</b> |
| 50/50  | ▼     | G   | 5/140        | <b>212.2</b>   | <b>£16.65</b> |
| Spigot and threaded socket   |       |     |              |                |               |
| 32/32  | ▼     | G   | 5/225        | <b>216.125</b> | <b>£11.14</b> |
| 40/40  | ▼     | G   | 5/190        | <b>216.15</b>  | <b>£13.06</b> |
| 50/50  | ▼     | G   | 5/200        | <b>216.2</b>   | <b>£18.99</b> |
| <b>200 waste male iron</b>   |       |     |              |                |               |
| For solvent-weld connection of MuPVC waste pipe or fitting to BSP threaded female pipe or fitting. |       |     |              |                |               |
| Socket and threaded spigot.  |       |     |              |                |               |
| 32/32  | ▼     | GW  | 10/320       | <b>213.125</b> | <b>£9.87</b>  |
| 40/40  | ▼     | GW  | 10/240       | <b>213.15</b>  | <b>£11.56</b> |
| 50/50  | ▼     | GW  | 5/140        | <b>213.2</b>   | <b>£16.65</b> |
| Spigot and threaded spigot.  |       |     |              |                |               |
| 32/32  | ▼     | G   | 5/300        | <b>217.125</b> | <b>£11.14</b> |
| 40/40  | ▼     | G   | 5/240        | <b>217.15</b>  | <b>£13.06</b> |
| 50/50  | ▼     | GW  | 5/160        | <b>217.2</b>   | <b>£17.89</b> |

## Waste Systems - 300 Push-fit

| Size mm                                | Angle | Col | Pack/<br>Box | Code               | Price<br>Each |
|--|-------|-----|--------------|--------------------|---------------|
| <b>Waste pipe</b>                      |       |     |              |                    |               |
| Plain-ended.                           |       |     |              |                    |               |
| 32 (3m)                                |       | W   | 10           | <b>300.125.30</b>  | <b>£16.77</b> |
| 40 (3m)                                |       | W   | 10           | <b>300.15.30</b>   | <b>£20.80</b> |
| <b>Straight coupler double socket</b>  |       |     |              |                    |               |
| 32                                     |       | W   | 10/350       | <b>310.125</b>     | <b>£5.43</b>  |
| 40                                     |       | W   | 10/300       | <b>310.15</b>      | <b>£5.33</b>  |
| <b>Swept bend double socket</b>        |       |     |              |                    |               |
| 32                                     | 91½   | W   | 10/240       | <b>301.125.91</b>  | <b>£5.33</b>  |
| 40                                     | 91½   | W   | 10/200       | <b>301.15.91</b>   | <b>£5.96</b>  |
| <b>Swept bend double socket</b>        |       |     |              |                    |               |
| 32                                     | 135   | W   | 10/300       | <b>301.125.135</b> | <b>£5.43</b>  |
| 40                                     | 135   | W   | 10/280       | <b>301.15.135</b>  | <b>£5.33</b>  |
| <b>Knuckle bend double socket</b>      |       |     |              |                    |               |
| 32                                     | 90    | W   | 10/160       | <b>302.125.90</b>  | <b>£5.33</b>  |
| 40                                     | 90    | W   | 10/220       | <b>302.15.90</b>   | <b>£5.33</b>  |
| <b>Swivel elbow bend socket/spigot</b> |       |     |              |                    |               |
| 32                                     | 90    | W   | 10/170       | <b>307.125.90</b>  | <b>£5.43</b>  |
| 40                                     | 90    | W   | 10/110       | <b>307.15.90</b>   | <b>£5.43</b>  |
| <b>Swept tee</b>                       |       |     |              |                    |               |
| 32                                     | 91½   | W   | 10/160       | <b>304.125.91</b>  | <b>£5.97</b>  |
| 40                                     | 91½   | W   | 5/120        | <b>304.15.91</b>   | <b>£5.97</b>  |

## Waste Systems - 300 Push-fit

|   | Size mm  | Angle | Col | Pack/<br>Box | Code              | Price<br>Each |
|---|--|-------|-----|--------------|-------------------|---------------|
| <b>Socket reducer</b>   |  |       |     |              |                   |               |
|  | To reduce waste socket to accept smaller diameter waste pipe.                              |       |     |              |                   |               |
|   | 40/32  |       | W   | 10/400       | <b>323.15.125</b> | <b>£5.83</b>  |
| <b>Pipe and fitting clip</b>  |  |       |     |              |                   |               |
|   | 32   |       | W   | 20/800       | <b>340.125</b>    | <b>£1.85</b>  |
|   | 40   |       | W   | 20/600       | <b>340.15</b>     | <b>£1.85</b>  |
| <b>Tank connector</b>   |  |       |     |              |                   |               |
|  | For connecting push-fit polypropylene pipe to water tank. Supplied with 2 sealing washers. |       |     |              |                   |               |
|   | 32   |       | W   | 10/150       | <b>311.125</b>    | <b>£5.43</b>  |
|   | 40   |       | W   | 10/300       | <b>311.15</b>     | <b>£5.43</b>  |
| <b>Compression reducer</b>  |  |       |     |              |                   |               |
|  | 40-38  |       | W   | 100          | <b>PS38</b>       | <b>£7.15</b>  |
|   | 32mm seal for PS38   |       |     |              | <b>PRD100</b>     | <b>£1.74</b>  |
|   | 40mm seal for PS38   |       |     |              | <b>PRD101</b>     | <b>£1.74</b>  |



## Waste Systems - 600 ABS Solvent









|   | Size mm   | Angle | Col | Pack/<br>Box | Code               | Price<br>Each |
|---|---|-------|-----|--------------|--------------------|---------------|
| <b>Waste pipe</b>   |   |       |     |              |                    |               |
|    | Plain ended.  |       |     |              |                    |               |
|   | 32 (3m)   |       | W   | 5            | <b>600.125.30</b>  | <b>£27.86</b> |
|   | 40 (3m)   |       | W   | 5            | <b>600.15.30</b>   | <b>£37.15</b> |
|   | 50 (3m)   |       | W   | 5            | <b>600.2.30</b>    | <b>£40.83</b> |
| <b>Straight coupler double socket</b>   |   |       |     |              |                    |               |
|    | 32  |       | W   | 10           | <b>610.125</b>     | <b>£5.80</b>  |
|   | 40  |       | W   | 10           | <b>610.15</b>      | <b>£5.72</b>  |
|   | 50  |       | W   | 10           | <b>610.2</b>       | <b>£10.50</b> |
| <b>Swept bend double socket</b>   |   |       |     |              |                    |               |
|    | For 91¼° swept bend, 91.25°, 135° and 165° as standard. |       |     |              |                    |               |
|   | 32  | 91¼   | W   | 20/220       | <b>601.125.91</b>  | <b>£5.91</b>  |
|   | 40  | 91¼   | W   | 10/140       | <b>601.15.91</b>   | <b>£6.49</b>  |
|   | 50  | 91¼   | W   | 10/70        | <b>601.2.91</b>    | <b>£11.52</b> |
| <b>Knuckle bend double socket</b>   |   |       |     |              |                    |               |
|    | 32  | 91¼   | W   | 10/280       | <b>602.125.91</b>  | <b>£5.35</b>  |
|   | 40  | 91¼   | W   | 10/180       | <b>602.15.91</b>   | <b>£5.93</b>  |
| <b>Swept bend double socket</b>   |   |       |     |              |                    |               |
|  | For 135° swept bend.                                    |       |     |              |                    |               |
|   | 32  | 135   | W   | 10/280       | <b>601.125.135</b> | <b>£5.91</b>  |
|   | 40  | 135   | W   | 10/200       | <b>601.15.135</b>  | <b>£6.49</b>  |
|   | 50  | 135   | W   | 10/100       | <b>601.2.135</b>   | <b>£11.52</b> |
| <b>Spigot/socket bends</b>  |   |       |     |              |                    |               |
|  | To change pipe direction in limited space situations.   |       |     |              |                    |               |
|   | 32  | 135   | W   | 10/300       | <b>607.125.135</b> | <b>£9.81</b>  |
|   | 40  | 135   | W   | 10/180       | <b>607.15.135</b>  | <b>£11.44</b> |

## Waste Systems - 600 ABS Solvent

|  | Size mm | Angle | Col | Pack/<br>Box | Code               | Price<br>Each |
|--|---------|-------|-----|--------------|--------------------|---------------|
| <b>Expansion coupler seal ring and solvent socket</b>                              |         |       |     |              |                    |               |
|    | 32      |       | W   | 10/250       | <b>625.125</b>     | <b>£10.19</b> |
|  | 40      |       | W   | 10/180       | <b>625.15</b>      | <b>£12.56</b> |
|  | 50      |       | W   | 5/100        | <b>625.2</b>       | <b>£16.61</b> |
| <b>Access plug</b>   |         |       |     |              |                    |               |
|    | 32      |       | W   | 10/350       | <b>637.125</b>     | <b>£5.35</b>  |
|  | 40      |       | W   | 10/320       | <b>637.15</b>      | <b>£5.35</b>  |
|  | 50      |       | W   | 10/180       | <b>637.2</b>       | <b>£7.67</b>  |
| <b>Swept tee all socket</b>  |         |       |     |              |                    |               |
|    | 32      | 91¼   | W   | 10/120       | <b>604.125.91</b>  | <b>£7.92</b>  |
|  | 40      | 91¼   | W   | 10/90        | <b>604.15.91</b>   | <b>£9.96</b>  |
|  | 50      | 91¼   | W   | 5/45         | <b>604.2.91</b>    | <b>£19.49</b> |
| <b>Tee all socket</b>  |         |       |     |              |                    |               |
|    | 32      | 135   | W   | 10/120       | <b>604.125.135</b> | <b>£9.67</b>  |
|  | 40      | 135   | W   | 5/80         | <b>604.15.135</b>  | <b>£12.54</b> |
|  | 50      | 135   | W   | 5/80         | <b>604.2.135</b>   | <b>£19.49</b> |
| <b>Swept cross all socket</b>  |         |       |     |              |                    |               |
|   | 40      | 91¼   | W   | 5/105        | <b>606.15.91</b>   | <b>£24.83</b> |
|  | 50      | 91¼   | W   | 5/55         | <b>606.2.91</b>    | <b>£25.98</b> |
| <b>Socket reducer</b>  |         |       |     |              |                    |               |
|  | 40/32   |       | W   | 20/640       | <b>624.15.125</b>  | <b>£5.80</b>  |
|  | 50/32   |       | W   | 10/350       | <b>624.2.125</b>   | <b>£9.17</b>  |
|  | 50/40   |       | W   | 10/350       | <b>624.2.15</b>    | <b>£10.21</b> |












## Waste Systems - 600 ABS Solvent

|   | Size mm  | Angle | Col | Pack/<br>Box | Code           | Price<br>Each |
|---|--|-------|-----|--------------|----------------|---------------|
| <b>Male iron with socket</b>  |  |       |     |              |                |               |
|  | For solvent weld connection of PVC waste pipe or fitting to BSP threaded female pipe or fitting. |       |     |              |                |               |
|   | 32   |       | W   | 5/300        | <b>617.125</b> | <b>£10.13</b> |
|   | 40   |       | W   | 5/220        | <b>617.15</b>  | <b>£11.85</b> |
|   | 50   |       | W   | 5/160        | <b>617.2</b>   | <b>£16.27</b> |
| <b>Female iron with socket</b>  |  |       |     |              |                |               |
|  | For solvent weld connection of PVC waste pipe or fitting to BSP threaded male pipe or fitting.   |       |     |              |                |               |
|   | 32   |       | W   | 10/270       | <b>612.125</b> | <b>£10.50</b> |
|   | 40   |       | W   | 10/200       | <b>612.15</b>  | <b>£10.50</b> |
|   | 50   |       | W   | 5/140        | <b>612.2</b>   | <b>£15.15</b> |

| Overflow Systems - 500 Overflow  |         |       |     |              |            |               |
|--|---------|-------|-----|--------------|------------|---------------|
|  | Size mm | Angle | Col | Pack/<br>Box | Code       | Price<br>Each |
| <b>Waste pipe</b>  |         |       |     |              |            |               |
|    | 19 (4m) |       | W   | 20           | 500.75.40  | £25.80        |
| <b>Straight coupler double socket</b>  |         |       |     |              |            |               |
|    | 19      |       | W   | 50/1000      | 510.75     | £6.86         |
| <b>Bend double socket</b>  |         |       |     |              |            |               |
|   | 19      | 91°   | W   | 50/750       | 501.75.91  | £8.11         |
|  | 19      | 135   | W   | 50/1100      | 501.75.135 | £8.15         |
| <b>Branch</b>  |         |       |     |              |            |               |
|    | 19      | 91°   | W   | 20/900       | 504.75.91  | £8.79         |
| <b>Socket Reducer</b>  |         |       |     |              |            |               |
|   | 19/32   |       | W   | 20/900       | 524.75     | £9.58         |
| <b>Pipe fixing clip - plastic</b>  |         |       |     |              |            |               |
|   | 19      |       | W   | 50/2500      | 540.75     | £2.51         |
| <b>Straight tank connector</b>   |         |       |     |              |            |               |
|  | 19      |       | W   | 10/250       | 511.75     | £10.88        |
| <b>Bent tank connector 90°</b>   |         |       |     |              |            |               |
|  | 19      | 90    | W   | 10/200       | 502.75.90  | £12.89        |

| Overflow Systems - 500 Overflow   |   |       |     |              |        |               |
|---|---|-------|-----|--------------|--------|---------------|
|   | Size mm   | Angle | Col | Pack/<br>Box | Code   | Price<br>Each |
| <b>Female to PVCu connector</b>   |   |       |     |              |        |               |
|  | To connect PVCu overflow pipe to threaded components. Solvent-weld socket to receive overflow pipe. Threaded socket to receive 3/4" BSP male threaded pipe end. |       |     |              |        |               |
|   | 19  |       | W   | 10/750       | 512.75 | £11.69        |
| <b>Reverse nut connector</b>  |   |       |     |              |        |               |
|  | To connect PVCu overflow pipe to threaded components. Threaded loose nut to receive 3/4" BSP male threaded pipe end.  |       |     |              |        |               |
|   | 19  |       | W   | 20/300       | 519.75 | £3.32         |
| <b>Tundish</b>  |   |       |     |              |        |               |
|  | Double socket (19mm) inline Tundish.  |       |     |              |        |               |
|   | 19  |       | W   | 5/100        | 590.75 | £67.69        |

## Waste Traps - 400

|  | Size mm                                | Angle | Col | Pack/<br>Box | Code              | Price<br>Each |
|--|--|-------|-----|--------------|-------------------|---------------|
| <b>Bottle trap</b>   |  |       |     |              |                   |               |
|    | 75mm water seal.                       |       |     |              |                   |               |
|  | 40                                     | ▽     | W   | 5/60         | <b>411.15</b>     | <b>£16.40</b> |
| <b>Bottle trap anti-syphon</b>   |  |       |     |              |                   |               |
|    | 75mm water seal.                       |       |     |              |                   |               |
|  | 32                                     | ▽     | W   | 5/60         | <b>411AS.125</b>  | <b>£18.20</b> |
|  | 40                                     | ▽     | W   | 5/60         | <b>411AS.15</b>   | <b>£21.34</b> |
| <b>Resealing bottle trap</b>   |  |       |     |              |                   |               |
|    | 75mm water seal.                       |       |     |              |                   |               |
|  | 32                                     | ▽     | W   | 5/60         | <b>415.125</b>    | <b>£17.50</b> |
|  | 40                                     | ▽     | W   | 5/60         | <b>415.15</b>     | <b>£20.94</b> |
| <b>Bottle trap - adjustable telescopic</b>   |  |       |     |              |                   |               |
|    | 75mm water seal.                       |       |     |              |                   |               |
|  | 32                                     | ▽     | W   | 5/60         | <b>411T.125</b>   | <b>£16.87</b> |
|  | 40                                     | ▽     | W   | 5/60         | <b>411T.15</b>    | <b>£20.17</b> |
| <b>Bottle trap anti-syphon - adjustable telescopic</b>                             |  |       |     |              |                   |               |
|    | 75mm water seal.                       |       |     |              |                   |               |
|  | 32                                     | ▽     | W   | 5/60         | <b>421AS.125</b>  | <b>£21.10</b> |
|  | 40                                     | ▽     | W   | 5/60         | <b>421AS.15</b>   | <b>£24.54</b> |
| <b>Resealing bottle trap - adjustable telescopic</b>                               |  |       |     |              |                   |               |
|    | 75mm water seal.                       |       |     |              |                   |               |
|  | 32                                     | ▽     | W   | 5/60         | <b>421.125</b>    | <b>£20.70</b> |
|  | 40                                     | ▽     | W   | 5/50         | <b>421.15</b>     | <b>£23.97</b> |
| <b>Tubular swivel P trap</b>   |  |       |     |              |                   |               |
|    | 75mm water seal.                       |       |     |              |                   |               |
|  | 32                                     |       | W   | 5/80         | <b>431.125</b>    | <b>£11.54</b> |
|  | 40                                     | ▽     | W   | 5/60         | <b>431.15</b>     | <b>£13.72</b> |
| <b>Tubular swivel P trap - adjustable telescopic</b>                               |  |       |     |              |                   |               |
|  | 75mm water seal.                       |       |     |              |                   |               |
|  | 40                                     |       | W   | 5/60         | <b>431T.15</b>    | <b>£16.71</b> |
| <b>Tubular swivel P trap anti-syphon</b>   |  |       |     |              |                   |               |
|  | 75mm water seal.                       |       |     |              |                   |               |
|  | 40                                     | ▽     | W   | 5/60         | <b>431AS.15</b>   | <b>£18.21</b> |
| <b>Tubular swivel P trap anti-syphon - adjustable telescopic</b>                   |  |       |     |              |                   |               |
|  | 75mm water seal.                       |       |     |              |                   |               |
|  | 40                                     | ▽     | W   | 5/60         | <b>431TAS.15</b>  | <b>£19.90</b> |
| <b>P to S trap conversion bend</b>   |  |       |     |              |                   |               |
|  | To convert tubular P traps to S traps. |       |     |              |                   |               |
|  | 32                                     |       | W   | 10/140       | <b>407.125.90</b> | <b>£6.56</b>  |
|  | 40                                     |       | W   | 5/250        | <b>407.15.90</b>  | <b>£7.39</b>  |









## Waste Traps - 400

|   | Size mm  | Angle | Col | Pack/<br>Box | Code             | Price<br>Each |
|---|--|-------|-----|--------------|------------------|---------------|
| <b>Tubular swivel S trap</b>  |  |       |     |              |                  |               |
|    | 75mm water seal.                               |       |     |              |                  |               |
|   | 32   | ▽     | W   | 5/60         | <b>432.125</b>   | <b>£13.98</b> |
|   | 40   | ▽     | W   | 5/40         | <b>432.15</b>    | <b>£16.65</b> |
| <b>Running trap</b>   |  |       |     |              |                  |               |
|    | 75mm water seal.                               |       |     |              |                  |               |
|   | 40   | ▽     | W   | 5/50         | <b>445.15</b>    | <b>£18.72</b> |
| <b>Running trap anti-syphon</b>   |  |       |     |              |                  |               |
|    | 75mm water seal.                               |       |     |              |                  |               |
|   | 32   |       | W   | 5/60         | <b>445AS.125</b> | <b>£22.28</b> |
|   | 40   |       | W   | 5/50         | <b>445AS.15</b>  | <b>£23.38</b> |
| <b>Washing machine half trap</b>  |  |       |     |              |                  |               |
|    | 75mm water seal with adaptor.                  |       |     |              |                  |               |
|   | 40   | ▽     | W   | 5/40         | <b>433.15</b>    | <b>£22.99</b> |
| <b>Washing machine half trap anti-syphon</b>  |  |       |     |              |                  |               |
|    | 75mm water seal with adaptor.                  |       |     |              |                  |               |
|   | 40   | ▽     | W   | 5/40         | <b>433AS.15</b>  | <b>£28.27</b> |
| <b>Washing machine trap with upstand</b>  |  |       |     |              |                  |               |
|    | 75mm water seal with 0.6m upstand and 2 clips. |       |     |              |                  |               |
|   | 40   | ▽     | W   | 5/130        | <b>434.15</b>    | <b>£22.53</b> |
| <b>Washing machine trap anti-syphon with upstand</b>                                |  |       |     |              |                  |               |
|    | 75mm water seal with 0.6 upstand and 2 clips.  |       |     |              |                  |               |
|   | 40   | ▽     | W   | 5/10         | <b>434AS.15</b>  | <b>£25.89</b> |
| <b>Low level bath trap</b>  |  |       |     |              |                  |               |
|  | 38mm water seal.                               |       |     |              |                  |               |
|   | 40   | ▽     | W   | 5/30         | <b>457.15</b>    | <b>£13.98</b> |
| <b>Shower trap with 45° adjustable waste</b>  |  |       |     |              |                  |               |
|  | 50mm water seal, 70mm grid.                    |       |     |              |                  |               |
|   | 40   |       | W   | 5/50         | <b>484.15</b>    | <b>£30.79</b> |
|   | 40   |       | C/P | 5/45         | <b>486.15</b>    | <b>£34.73</b> |
| <b>Condensate trap</b>  |  |       |     |              |                  |               |
|  |  |       |     |              |                  |               |
|   | 40   |       | W   | 1/30         | <b>420.15</b>    | <b>£27.04</b> |


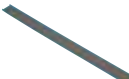





## WC Pan Connectors - 490

|   | Size mm | Angle | Col | Pack/<br>Box | Code       | Price<br>Each |
|---|---------|-------|-----|--------------|------------|---------------|
| <b>Straight WC connector fin seal</b>   |         |       |     |              |            |               |
|    | 110     | ♥     | W   | 5/40         | 499P.4.00  | £12.93        |
| <b>90° WC connector fin seal bend</b>   |         |       |     |              |            |               |
|    | 110     | 90 ♥  | W   | 5/15         | 499P.4.90  | £15.38        |
| <b>14° WC connector fin seal spigots</b>  |         |       |     |              |            |               |
|    | 110     | 14    | W   | 5/35         | 499P.4.104 | £12.70        |
| <b>40mm offset WC connector fin seal</b>  |         |       |     |              |            |               |
|    | 110     |       | W   | 5/30         | 494P1.4.00 | £12.70        |
| <b>12mm offset WC connector fin seal</b>  |         |       |     |              |            |               |
|    | 110     |       | W   | 5/40         | 494P2.4.00 | £12.70        |
| <b>Swivel connector 0-30° fin seal</b>  |         |       |     |              |            |               |
| Adjustable 0-30°  |         |       |     |              |            |               |
|     | 110     | 0-30  | W   | 5/20         | 498P.4.030 | £32.99        |
| <b>Swan neck WC connector 90° fin seal</b>  |         |       |     |              |            |               |
|  | 110     | 90    | W   | 5/15         | 496P.4.90  | £28.10        |
| <b>Long 90° WC connector fin seal</b>   |         |       |     |              |            |               |
| 225mm leg   |         |       |     |              |            |               |
|  | 110     | 90    | W   | 5/10         | 491P.4.90  | £16.06        |









## WC Pan Connectors - 490

|   | Size mm | Angle | Col | Pack/<br>Box | Code       | Price<br>Each |
|---|---------|-------|-----|--------------|------------|---------------|
| <b>90° WC connector with 32mm boss fin seal</b>   |         |       |     |              |            |               |
|                                | 110     | 90    | W   | 5/15         | 495P.4.90  | £38.02        |
| <b>Extension 200mm</b>  |         |       |     |              |            |               |
|                                | 110     |       | W   | 5/25         | 493P.00    | £11.69        |
| <b>WC manifold connectors fin seal spigot</b>   |         |       |     |              |            |               |
| When used in conjunction with a branch 104, up to seven WC pans can be connected either side of the soil stack. |         |       |     |              |            |               |
|                                | 110     | 5     | W   | 6            | 499.4.05   | £33.16        |
|   | 110     | 14    | W   | 6            | 499.4.14   | £33.16        |
|   | 110     | 24    | W   | 5/10         | 499.4.24   | £33.16        |
|   | 110     | 34    | W   | 5/10         | 499.4.34   | £33.16        |
| <b>WC frame manifold bend connectors fin seal spigot</b>  |         |       |     |              |            |               |
|                                | 110     | 5     | B   | 5/10         | 497.35.05  | £90.49        |
|   | 110     | 34    | B   | 5/10         | 497.35.34  | £90.49        |
|   | 110     | 18    | B   | 1/12         | F497.35.18 | £90.49        |
|   | 110     | 29    | B   | 1/12         | F497.35.29 | £90.49        |
| <b>WC connectors socket outlet</b>  |         |       |     |              |            |               |
|                               | 110     | 2½    | W   | 5/50         | 498.4.02   | £20.09        |
|                              | 110     | 90    | W   | 5/25         | 498.4.90   | £32.49        |
| <b>90° WC turned connector socket outlet</b>  |         |       |     |              |            |               |
|                              | 110     | 90    | W   | 5/20         | 492.4.5    | £51.78        |
| <b>WC straight connector socket outlet</b>  |         |       |     |              |            |               |
| For connecting non BS 5503 WC pans to soil pipes  |         |       |     |              |            |               |
|                              | 110     |       | W   | 5/25         | 495.4.5    | £36.21        |

## Accessories

|  | Size mm  | Angle | Col  | Pack/<br>Box | Code              | Price<br>Each  |
|--|--|-------|------|--------------|-------------------|----------------|
| <b>Toggle bolt</b>   |  |       |      |              |                   |                |
|    | To clamp 112 and 115 Boss Connectors while solvent-welding.  |       |      |              |                   |                |
|  |  |       | Self | 1/50         | <b>9115</b>       | <b>£350.00</b> |
| <b>Packing piece</b>   |  |       |      |              |                   |                |
|    | For use with 140 and 142 Pipe Brackets and 191 Intermediate Support Brackets.                                |       |      |              |                   |                |
|  | 160  |       | G    | 1/100        | <b>9104.6</b>     | <b>£23.46</b>  |
|  | Cut to size  |       |      |              |                   |                |
| <b>Pipe marking template</b>   |  |       |      |              |                   |                |
|    | Marking guide for Terrain Soil Systems, access and boss connection.  |       |      |              |                   |                |
|  | 110  |       | Blue | 1            | <b>9105.500T</b>  | <b>£49.93</b>  |
| <b>WC pan seal - soil</b>  |  |       |      |              |                   |                |
|    | Material: EPDM Rubber in accordance with EN681 rubber. Replacement seal for pan outlet diameter 951/4-121mm. |       |      |              |                   |                |
|  | For use on 102.4.5 and 125.4.5.  |       |      |              |                   |                |
|  | 110  |       | B    | 1/100        | <b>9124</b>       | <b>£30.74</b>  |
| <b>HDPE WC pan connector fin seal</b>  |  |       |      |              |                   |                |
|  | Adapts standard WC connectors to fit HDPE 110mm. Material: EPDM Rubber in accordance with EN681 rubber.      |       |      |              |                   |                |
|  | 110  |       | B    | 150          | <b>499P.4.908</b> | <b>£15.43</b>  |
| <b>Spare seal rings - soil</b>   |  |       |      |              |                   |                |
|  | Material: EPDM   |       |      |              |                   |                |
|  | Suitable for:  |       |      |              |                   |                |
|  | – Soil system expansion sockets and soil pipe  |       |      |              |                   |                |
|  | – Use with 126 Adaptors to Cast Iron   |       |      |              |                   |                |
|  | – Soil fittings (as listed).   |       |      |              |                   |                |
|  | Push-fit Soil (P) range and 4DI600   |       |      |              |                   |                |
|  | 110  |       | B    | 1            | <b>9116.4</b>     | <b>£4.96</b>   |
|  | Push-fit Soil (P) range  |       |      |              |                   |                |
|  | 160  |       | B    | 1            | <b>9116.6</b>     | <b>£12.93</b>  |
|  | 103/105/109/111/111.S/126/132/137  |       | B    | 1            | <b>9119.B</b>     | <b>£10.78</b>  |

## Accessories

|   | Size mm  | Angle          | Col | Pack/<br>Box | Code              | Price<br>Each  |
|---|--|----------------|-----|--------------|-------------------|----------------|
| <b>Spare seal ring - waste</b>  |  |                |     |              |                   |                |
|    | Material: EPDM   |                |     |              |                   |                |
|   | Suitable for:  |                |     |              |                   |                |
|   | – 200 Waste System Fittings to accept pipe manufactured to BS 5255.              |                |     |              |                   |                |
|   | – Use with boss adaptors (117)   |                |     |              |                   |                |
|   | Acceptable for:  |                |     |              |                   |                |
|   | – copper pipe to BS 659 and BS 2781.   |                |     |              |                   |                |
|   | 32   |                | B   | 1            | <b>9132.125</b>   | <b>£1.72</b>   |
|   | 40   |                | B   | 1            | <b>9132.15</b>    | <b>£2.00</b>   |
|   | 50   |                | B   | 1            | <b>9132.2</b>     | <b>£2.68</b>   |
| <b>Spare manifold insert</b>  |  |                |     |              |                   |                |
|    | Material: EPDM. Spare insert for 119P.   |                |     |              |                   |                |
|   | 40   |                | B   | 1            | <b>9113</b>       | <b>£3.60</b>   |
| <b>Spare manifold plug</b>  |  |                |     |              |                   |                |
|    | Spare insert for 119P.   |                |     |              |                   |                |
|   | 40   |                | G   | 1            | <b>9114</b>       | <b>£4.04</b>   |
| <b>Spare access door</b>  |  |                |     |              |                   |                |
|    | Spare door for 139.4, 139P.4, 138.4, 137.4, 105.4.92 & 106P.4.92                 |                |     |              |                   |                |
|   | 110  |                | G   | 1            | <b>137.4.502</b>  | <b>£31.36</b>  |
| <b>Cleaning fluid</b>   |  |                |     |              |                   |                |
|   | Material: Acetone.   |                |     |              |                   |                |
|   | For cleaning PVCu pipe and fittings before applying Liquid Weld. Screw top caps. |                |     |              |                   |                |
|   | 250ml  |                |     | 20           | <b>9101.250CF</b> | <b>£34.27</b>  |
| <b>Lubricant</b>  |  |                |     |              |                   |                |
|  | Material: Silicone grease Soluble lubricant.                                     |                |     |              |                   |                |
|   | For lubricating seal rings on expansion fittings.                                |                |     |              |                   |                |
|   | 250ml  | Tub (silicone) |     | 10/40        | <b>9136.250L</b>  | <b>£122.45</b> |
|   | 500ml  | Tub (soluble)  |     | 10/20        | <b>9136.500L</b>  | <b>£25.29</b>  |
| <b>Liquid weld</b>  |  |                |     |              |                   |                |
|  | Low VOC solvent for solvent jointing of PVCu and ABS pipes and fittings.         |                |     |              |                   |                |
|   | Cap on 250ml incorporates integral brush.  |                |     |              |                   |                |
|   | 250ml  |                |     | 10           | <b>9100.250SW</b> | <b>£50.06</b>  |
|  |  |                |     |              |                   |                |
|   | 500ml  |                |     | 10           | <b>9100.500SW</b> | <b>£92.49</b>  |



| Index              |        |         |      |  |
|--------------------|--------|---------|------|--|
| Code               | Colour | Price   | Page |  |
| <b>100 Solvent</b> |        |         |      |  |
| 100.3.30           | GB     | £144.52 | 33   |  |
| 100.3.40           | GBW    | £189.26 | 33   |  |
| 100.4.30           | GBW    | £140.58 | 33   |  |
| 100.4.40           | GBW    | £187.36 | 33   |  |
| 100.6.30           | G      | £382.96 | 33   |  |
| 100.6.40           | G      | £500.54 | 33   |  |
| 101.3.92           | GBW    | £62.91  | 33   |  |
| 101.3.135          | GBW    | £62.91  | 33   |  |
| 101.4.025          | G      | £136.76 | 33   |  |
| 101.4.92           | GBW    | £71.51  | 33   |  |
| 101.4.104          | G      | £74.49  | 33   |  |
| 101.4.112          | GB     | £74.49  | 33   |  |
| 101.4.135          | GBW    | £71.51  | 33   |  |
| 101.8.92           | G      | £187.35 | 33   |  |
| 101.8.135          | G      | £183.24 | 33   |  |
| 104.3.92           | GB     | £198.40 | 34   |  |
| 104.3.135          | GBW    | £87.89  | 33   |  |
| 104.4.92           | G      | £87.89  | 33   |  |
| 104.4.104          | GBW    | £94.60  | 33   |  |
| 104.4.135          | G      | £119.54 | 33   |  |
| 104.4.924          | GBW    | £98.70  | 33   |  |
| 104.6.92           | G      | £117.33 | 33   |  |
| 104.6.135          | G      | £211.18 | 33   |  |
| 104.6.492          | G      | £403.08 | 33   |  |
| 104.6.492          | G      | £238.43 | 34   |  |
| 104.6.135          | G      | £250.75 | 34   |  |
| 104.104.92         | GB     | £123.32 | 33   |  |
| 104.412.92         | G      | £218.27 | 33   |  |
| 104.422.92         | G      | £222.36 | 33   |  |
| 105.4.92           | G      | £165.55 | 34   |  |
| S105.6.135         | G      | £186.99 | 34   |  |
| 106.4.92           | GW     | £204.42 | 34   |  |
| 106.4.135          | G      | £249.76 | 34   |  |
| 106.4.92           | G      | £444.20 | 34   |  |
| 106.104.92         | G      | £238.97 | 34   |  |
| 106.104.135        | G      | £238.97 | 34   |  |
| 106.490.12         | G      | £499.10 | 34   |  |
| 106.490.22         | G      | £499.10 | 34   |  |
| 106.490.92         | G      | £421.99 | 34   |  |
| 107.3.92           | G      | £62.14  | 33   |  |
| 107.4.025          | G      | £137.27 | 33   |  |
| 107.4.92           | GBW    | £69.33  | 33   |  |
| 107.4.135          | GBW    | £77.79  | 33   |  |
| 109.3              | GB     | £16.23  | 33   |  |
| 109.4              | GBW    | £15.15  | 33   |  |
| 109.6              | G      | £42.83  | 33   |  |
| 110.3              | GBW    | £25.03  | 33   |  |
| 110.4              | GBW    | £30.43  | 33   |  |
| 110.6              | G      | £90.31  | 33   |  |
| 111.3              | GBW    | £38.28  | 33   |  |
| 111.4              | GBW    | £37.18  | 33   |  |
| 111.6              | G      | £117.86 | 33   |  |
| 111.8.3            | G      | £79.51  | 33   |  |
| 111.8.4            | GB     | £66.89  | 33   |  |
| 111.8.6            | G      | £144.50 | 33   |  |
| 112.3.15           | G      | £35.16  | 35   |  |
| 112.4.2            | G      | £34.67  | 35   |  |
| 112.4.15           | G      | £34.18  | 35   |  |
| 112.4.125          | G      | £34.18  | 35   |  |
| 112.6.2            | G      | £49.71  | 35   |  |
| 115P.4             | G      | £28.66  | 35   |  |
| 117.2.90           | GW     | £23.92  | 36   |  |
| 117.2.150          | G      | £21.73  | 36   |  |
| 117.2              | G      | £18.16  | 36   |  |
| 117.15.90          | GW     | £19.94  | 36   |  |
| 117.15             | G      | £13.39  | 36   |  |
| 117.125            | G      | £13.39  | 36   |  |
| 117.412.15         | G      | £130.68 | 36   |  |
| 120.3.2            | G      | £53.97  | 36   |  |
| 120.4.2            | GB     | £41.57  | 36   |  |
| 120.4.15           | GBW    | £25.59  | 35   |  |
| 120.4.125          | GBW    | £25.59  | 35   |  |
| 120.6.2            | G      | £135.72 | 36   |  |
| 120.412.2          | G      | £34.42  | 36   |  |
| 120.412.15         | G      | £25.34  | 36   |  |
| 121.4.15           | G      | £42.42  | 36   |  |
| 122.4.15           | G      | £48.55  | 35   |  |
| 122.4.125          | G      | £46.47  | 35   |  |
| 123.4              | GBW    | £26.99  | 35   |  |
| 124.3.2            | G      | £38.07  | 36   |  |
| 124.4.2            | GBW    | £46.15  | 36   |  |
| 124.4.3            | GBW    | £47.59  | 36   |  |
| 124.6.4            | G      | £101.38 | 36   |  |
| 130.4              | G      | £42.95  | 35   |  |
| 130.6              | G      | £82.64  | 35   |  |
| 131.3              | GB     | £18.44  | 35   |  |
| 131.3.200          | G      | £77.86  | 35   |  |

| Index                |        |         |      |  |
|----------------------|--------|---------|------|--|
| Code                 | Colour | Price   | Page |  |
| 131.4                | GBW    | £20.23  | 35   |  |
| 131.4.200            | G      | £74.31  | 35   |  |
| 132.4                | G      | £59.54  | 36   |  |
| 133.3                | G      | £87.12  | 34   |  |
| 135.4                | GB     | £83.11  | 34   |  |
| 135.6                | G      | £152.85 | 34   |  |
| 136.3                | GB     | £59.25  | 34   |  |
| 136.4                | GBW    | £67.85  | 34   |  |
| 136.6                | G      | £134.34 | 34   |  |
| 137.3                | GW     | £157.25 | 34   |  |
| 137.4.502            | G      | £31.36  | 34   |  |
| 137.4                | GBW    | £96.64  | 34   |  |
| 138.4                | GBW    | £75.17  | 34   |  |
| 138.6                | G      | £293.18 | 34   |  |
| 139.4                | GB     | £77.04  | 34   |  |
| 139.6                | G      | £120.60 | 34   |  |
| 140.3                | Self   | £20.35  | 35   |  |
| 140.4                | Self   | £20.58  | 35   |  |
| 140.6                | Self   | £50.88  | 35   |  |
| 143.3                | GBW    | £14.54  | 35   |  |
| 143.4                | GBW    | £13.23  | 35   |  |
| 144.4                | GW     | £27.43  | 35   |  |
| 150.3                | G      | £18.15  | 35   |  |
| 150.4                | GBW    | £17.39  | 35   |  |
| 150.6                | G      | £48.80  | 35   |  |
| 152.4                | GB     | £97.73  | 35   |  |
| 152.6                | G      | £206.66 | 35   |  |
| 153.3                | W      | £208.53 | 35   |  |
| 153.4                | W      | £208.53 | 35   |  |
| 190.3                | Self   | £126.21 | 35   |  |
| 190.4                | Self   | £133.46 | 35   |  |
| 190.6                | Self   | £217.67 | 35   |  |
| 191.3                | Self   | £64.24  | 35   |  |
| 191.4                | Self   | £67.84  | 35   |  |
| 191.6                | Self   | £93.43  | 35   |  |
| 40W200               | B      | £61.22  | 36   |  |
| 40W3                 | B      | £62.57  | 36   |  |
| 6592/DWV             | G      | £104.67 | 34   |  |
| <b>100P Push-fit</b> |        |         |      |  |
| 100P.3.30            | G      | £127.91 | 37   |  |
| 100P.4.30            | GB     | £126.29 | 37   |  |
| 100P.4.40            | G      | £169.65 | 37   |  |
| 100P.6.30            | G      | £362.69 | 37   |  |
| 100P.6.40            | G      | £470.43 | 37   |  |
| 1010.4.92            | G      | £78.69  | 37   |  |
| 101P.3.92            | G      | £82.41  | 37   |  |
| 101P.4.92            | GB     | £63.92  | 37   |  |
| 101P.4.112           | G      | £74.34  | 37   |  |
| 101P.6.92            | G      | £205.45 | 37   |  |
| 103P.3.92            | G      | £245.76 | 38   |  |
| 103P.4.92            | G      | £179.85 | 38   |  |
| 104.4.92             | G      | £59.72  | 38   |  |
| 104.4.135            | G      | £100.08 | 38   |  |
| 104.4.12.92          | G      | £223.61 | 38   |  |
| 104P.3.92            | G      | £99.82  | 37   |  |
| 104P.3.135           | G      | £162.74 | 37   |  |
| 104P.4.92            | GB     | £86.22  | 37   |  |
| 104P.4.112           | G      | £126.78 | 37   |  |
| 104P.4.135           | G      | £90.67  | 37   |  |
| 104P.6.92            | G      | £238.06 | 37   |  |
| 104P.6.135           | G      | £186.18 | 37   |  |
| 104P.6.492           | G      | £234.24 | 37   |  |
| 105P.3.92            | G      | £225.21 | 38   |  |
| 105P.4.92            | G      | £210.50 | 38   |  |
| 106.490.12           | G      | £469.15 | 37   |  |
| 106P.4.92            | G      | £234.90 | 38   |  |
| 106P.490.92          | G      | £212.99 | 37   |  |
| 107P.3.135           | G      | £54.89  | 37   |  |
| 107P.4.025           | G      | £140.50 | 38   |  |
| 107P.4.92            | G      | £65.94  | 37   |  |
| 107P.4.135           | GB     | £64.56  | 37   |  |
| 107P.4.VAR           | G      | £125.55 | 37   |  |
| 107P.6.135           | G      | £194.56 | 37   |  |
| 110P.3               | G      | £50.21  | 37   |  |
| 110P.4               | GB     | £42.54  | 37   |  |
| 110P.6               | G      | £105.77 | 37   |  |
| 111P.3               | G      | £27.94  | 37   |  |
| 111P.4               | GB     | £29.76  | 37   |  |
| 111P.6               | G      | £97.43  | 37   |  |
| 111.SP4              | G      | £53.00  | 37   |  |
| 112P.4.2             | G      | £29.39  | 38   |  |
| 112P.4.15            | GB     | £29.04  | 38   |  |
| 112P.4.125           | GB     | £29.04  | 38   |  |
| 115P.4               | G      | £28.66  | 39   |  |
| 117.2                | GBW    | £19.06  | 38   |  |
| 117.125              | GBW    | £13.39  | 38   |  |
| 117P.4.15            | G      | £132.64 | 39   |  |
| 119P.4.15            | G      | £35.67  | 39   |  |
| 120P.4.12            | G      | £45.97  | 39   |  |
| 120P.6.12.2          | G      | £150.10 | 39   |  |
| 123P.3               | G      | £37.01  | 39   |  |
| 123P.4               | GB     | £35.67  | 39   |  |

| Index       |        |         |      |  |
|-------------|--------|---------|------|--|
| Code        | Colour | Price   | Page |  |
| 123P.312    | G      | £90.00  | 39   |  |
| 124P.3.2    | G      | £46.90  | 39   |  |
| 124P.4.2    | G      | £62.25  | 39   |  |
| 124P.4.3    | G      | £62.25  | 39   |  |
| 124P.6.4    | G      | £94.05  | 39   |  |
| 130.4       | G      | £42.95  | 39   |  |
| 130.6       | G      | £82.64  | 39   |  |
| 136P.3      | G      | £50.90  | 38   |  |
| 136P.4      | G      | £57.29  | 38   |  |
| 136P.6      | G      | £141.17 | 38   |  |
| 137.4.502   | G      | £31.36  | 38   |  |
| 139P.3      | GB     | £125.03 | 38   |  |
| 139P.4      | GB     | £116.77 | 38   |  |
| 139P.6      | G      | £234.76 | 38   |  |
| 6592/DWV    | G      | £104.67 | 38   |  |
| 200 Solvent |        |         |      |  |
| 200.2.30    | GW     | £58.24  | 40   |  |
| 200.2.40    | GBW    | £76.17  | 40   |  |
| 200.15.30   | GW     | £37.87  | 40   |  |
| 200.15.40   | GBW    | £50.51  | 40   |  |
| 200.125.30  | GW     | £30.64  | 40   |  |
| 200.125.40  | GBW    | £40.83  | 40   |  |
| 201.2.91    | GBW    | £12.68  | 40   |  |
| 201.2.135   | GBW    | £12.68  | 40   |  |
| 201.2.165   | G      | £17.06  | 40   |  |
| 201.91      | GBW    | £7.16   | 40   |  |
| 201.15.135  | GBW    | £7.16   | 40   |  |
| 201.15.165  | G      | £12.96  | 40   |  |
| 201.125.91  | GBW    | £6.48   | 40   |  |
| 201.125.135 | GBW    | £6.48   | 40   |  |
| 201.125.165 | G      | £10.03  | 40   |  |
| 202.15.91   | GBW    | £6.49   | 40   |  |
| 202.125.91  | GBW    | £5.91   | 40   |  |
| 204.2.91    | GBW    | £21.44  | 40   |  |
| 204.2.135   | GW     | £21.44  | 40   |  |
| 204.15.91   | GBW    | £10.98  | 40   |  |
| 204.15.135  | GW     | £13.77  | 40   |  |
| 204.125.91  | GBW    | £8.70   | 40   |  |
| 204.125.135 | GW     | £10.62  | 40   |  |
| 206.2.91    | GW     | £28.60  | 40   |  |
| 206.2.135   | G      | £190.61 | 40   |  |
| 206.15.91   | GW     | £27.32  | 40   |  |
| 207.2.92    | GW     | £17.31  | 40   |  |
| 207.2.135   | GW     | £17.61  | 40   |  |
| 207.15.92   | GBW    | £12.13  | 40   |  |
| 207.15.135  | GBW    | £12.60  | 40   |  |
| 207.15.150  | G      | £12.82  | 40   |  |
| 207.125.92  | GBW    | £10.61  | 40   |  |
| 207.125.135 | GBW    | £10.76  | 40   |  |
| 207.125.150 | G      | £11.20  | 40   |  |
| 208.2       | G      | £15.23  | 40   |  |
| 210.2       | GBW    | £11.56  | 40   |  |
| 210.15      | G      | £6.35   | 40   |  |
| 210.125     | GBW    | £6.38   | 40   |  |
| 211.2       | G      | £40.58  | 40   |  |
| 211.15      | G      | £35.60  | 40   |  |
| 211.125     | G      | £27.22  | 40   |  |
| 212.2       | G      | £16.65  | 42   |  |
| 212.15      | G      | £11.56  | 42   |  |
| 212.125     | G      | £11.56  | 42   |  |
| 213.15      | GW     | £15.56  | 42   |  |
| 213.125     | GW     | £9.87   | 42   |  |
| 216.2       | G      | £18.99  | 42   |  |
| 216.15      | G      | £13.06  | 42   |  |
| 216.125     | G      | £11.14  | 42   |  |
| 217.2       | GW     | £17.89  | 42   |  |
| 217.15      | G      | £13.06  | 42   |  |
| 217.125     | G      | £11.14  | 42   |  |
| 218.15      | W      | £14.80  | 41   |  |
| 218.125     | W      | £15.03  | 41   |  |
| 223.2.15    | GW     | £9.86   | 41   |  |
| 223.2.125   | GW     | £10.07  | 41   |  |
| 223.15.125  | GW     | £8.15   | 41   |  |
| 224.2.15    | GBW    | £11.23  | 41   |  |
| 224.2.125   | GBW    | £9.19   | 41   |  |
| 224.15.125  | GBW    | £6.38   | 41   |  |
| 225.2       | GW     | £18.29  | 40   |  |
| 225.15      | GW     | £13.83  | 40   |  |
| 225.125     | GW     | £11.20  | 40   |  |
| 227.15      | G      | £18.66  | 40   |  |
| 227.15      | GW     | £14.04  | 40   |  |
| 227.125     | GW     | £11.44  | 40   |  |
| 231.2       | G      | £14.00  | 41   |  |
| 232         | G      | £15.81  | 41   |  |
| 232.2       | GBW    | £8.44   | 41   |  |
| 237.15      | GBW    | £5.91   | 41   |  |
| 237.125     | GBW    | £5.91   | 41   |  |
| 240.2       | GBW    | £3.19   | 41   |  |
| 241.15      | G      | £2.41   | 41   |  |
| 240.125     | GBW    | £2.09   | 41   |  |
| 242.2       | GW     | £6.19   | 41   |  |
| 242.15      | W      | £2.93   | 41   |  |

# Index

| Index                  |        |        |      |
|------------------------|--------|--------|------|
| Code                   | Colour | Price  | Page |
| <b>400 Waste Traps</b> |        |        |      |
| 407.15.90              | W      | £7.39  | 46   |
| 407.125.90             | W      | £6.56  | 46   |
| 411.15                 | W      | £16.40 | 46   |
| 411AS.15               | W      | £21.34 | 46   |
| 411AS.125              | W      | £18.20 | 46   |
| 411T.15                | W      | £20.17 | 46   |
| 411T.125               | W      | £16.87 | 46   |
| 415.15                 | W      | £20.94 | 46   |
| 415.125                | W      | £17.50 | 46   |
| 420.15                 | W      | £27.04 | 46   |
| 421.15                 | W      | £23.97 | 46   |
| 421.125                | W      | £20.70 | 46   |
| 421AS.15               | W      | £24.54 | 46   |
| 421AS.125              | W      | £21.10 | 46   |
| 431.15                 | W      | £13.72 | 46   |
| 431.125                | W      | £11.54 | 46   |
| 431AS.15               | W      | £18.21 | 46   |
| 431T.15                | W      | £16.71 | 46   |
| 431TAS.15              | W      | £19.90 | 46   |
| 432.15                 | W      | £16.65 | 46   |
| 432.125                | W      | £13.98 | 46   |
| 433.15                 | W      | £22.99 | 46   |
| 433AS.15               | W      | £28.27 | 46   |
| 434.15                 | W      | £22.53 | 46   |
| 434AS.15               | W      | £25.89 | 46   |
| 445.15                 | W      | £18.72 | 46   |
| 445AS.15               | W      | £23.38 | 46   |
| 445AS.125              | W      | £22.28 | 46   |
| 457.15                 | W      | £13.98 | 46   |
| 484.15                 | W      | £30.79 | 46   |
| 486.15                 | C/P    | £34.73 | 46   |

|                           |   |        |    |
|---------------------------|---|--------|----|
| <b>490 Pan Connectors</b> |   |        |    |
| 491P4.90                  | W | £16.06 | 47 |
| 492.4.5                   | W | £51.78 | 47 |
| 493P.00                   | W | £11.69 | 47 |
| 494P1.4.00                | W | £12.70 | 47 |
| 494P2.4.00                | W | £12.70 | 47 |
| 495.4.5                   | W | £36.21 | 47 |
| 495P4.90                  | W | £38.02 | 47 |
| 496P4.90                  | W | £28.10 | 47 |
| 497.35.05                 | B | £90.49 | 47 |
| 497.35.34                 | B | £90.49 | 47 |
| F497.35.18                | B | £90.49 | 47 |
| F497.35.29                | B | £90.49 | 47 |
| 498.4.02                  | W | £20.09 | 47 |
| 498.4.90                  | W | £32.49 | 47 |
| 499.4.05                  | W | £33.16 | 47 |
| 499.4.14                  | W | £33.16 | 47 |
| 499.4.24                  | W | £33.16 | 47 |
| 499.4.34                  | W | £33.16 | 47 |
| 499P4.030                 | W | £32.99 | 47 |
| 499P4.00                  | W | £12.93 | 47 |
| 499P4.90                  | W | £15.38 | 47 |
| 499P4.104                 | W | £12.70 | 47 |

|                    |      |         |    |
|--------------------|------|---------|----|
| <b>Accessories</b> |      |         |    |
| 137.4.502          | G    | £31.36  | 48 |
| 499P4.908          | B    | £15.43  | 48 |
| 9100.250SW         |      | £50.06  | 48 |
| 9100.500SW         |      | £92.49  | 48 |
| 9101.250CF         | G    | £34.27  | 48 |
| 9104.6             | G    | £23.46  | 48 |
| 9105.500T          | Blue | £49.93  | 48 |
| 9113               | B    | £3.60   | 48 |
| 9114               | G    | £4.04   | 48 |
| 9115               | Self | £350.00 | 48 |
| 9116.4             | B    | £4.96   | 48 |
| 9116.6             | B    | £12.93  | 48 |
| 9119.8             | B    | £10.78  | 48 |
| 9124               | B    | £30.74  | 48 |
| 9132.2             | B    | £2.68   | 48 |
| 9132.15            | B    | £2.00   | 48 |
| 9132.125           | B    | £1.72   | 48 |
| 9136.250L          |      | £122.45 | 48 |
| 9136.500L          |      | £25.29  | 48 |



Innovation  
driven by  
experience.

# *THIS IS OUR TERRAIN*



With decades of experience in drainage systems, we're in the best position to develop the right solutions for the future. Working together with our customers to find the most effective drainage systems and meet the latest industry challenges.

Explore our innovative solutions, scan QR code or visit [www.polypipebuildingservices.com](http://www.polypipebuildingservices.com)

Part of the  **GENUIT**  
GROUP

 **Polypipe**  
Building Services

# A clear focus on customer requirements delivers ideal drainage solution for film factory development.



**Eastman Village (formerly Harrow View East) is an ambitious, multi-phased project built on the old Kodak factory site in Harrow. The project will deliver a complete new urban neighbourhood of over 2,000 homes together with workspace, retail and leisure facilities. Polypipe Building Services (PBS) is currently providing drainage systems for 474 flats, across 4 towers – working with M&E Contractor, Millharbour on behalf of Barratt London.**

## Custom drainage system clicked perfectly with project on former Kodak site.

*Eastman Village is a highly specified and carefully designed project which incorporates many community amenities. The building layout is quite complex, requiring a considered approach to how the M&E elements deliver all the facilities. The drainage system brief was challenging as the bathrooms were highly specified, with an ambitious build schedule.*

Millharbour worked closely with the Advantage Team at PBS to create a bespoke solution. Terrain FUZE was chosen for the project as it is highly customisable. It's also lightweight and highly resistant to impact and abrasion making it ideal for the high-level pipework in the basement. A single, rapidly installed system could therefore be used for the whole building.

The Design Team created a solution that combined butt-welds and expansion enabling the complex stack design to be installed with a single Electrofusion coupling on the ground floor to connect the stacks to the high-level pipework in the basement. Each stack section then had a ring seal at the top into which the next section could be push-connected from the floor above.

Robert Bruce, Technical Sales Manager for Polypipe Building Services in London said:

"Millharbour were looking for a system which minimised the need for plant and maximised the productivity of the install team. But at the same time, it had to be carefully configured to work with the design of the apartments.

A fast, efficient and straightforward install up the building was going to be vital to keep to the schedule – without having to deploy lots of manpower.

Prefabrication and careful design really helped deliver the customisation and speed that the project demanded. After the high-level was installed with the single EF coupling at the bottom of each stack, the guys could just drop each floor section of stack down into the expansion joint below. And being so lightweight, Terrain FUZE is also very labour-efficient compared to conventional systems."

### Andy Stylianou, Company Director at Millharbour, comments:

"Polypipe have such a complete understanding of different jointing techniques which together with their prefabrication capability meant we achieved a system that made a complex installation very straightforward. There was minimal on-site jointing work and as the system was robust but lightweight we could use our teams very efficiently. Once the high-level work was in, the stacks just shot up the building."



## CASE STUDY

### Project

Eastman Village.

### Client

Millharbour on behalf of Barratt London. Masterplan designed by Pollard Thomas Edwards architects.

### Application

Drainage – soil and waste.

### Products

Full fabrication – drainage stacks. Terrain FUZE and Advantage Off-site Prefabrication Service



## Introduction

A modern high density polyethylene system with many advantages over cast iron and other traditional systems.

Terrain FUZE is a top-to-bottom solution for all above ground drainage and many chemical waste applications. It allows specifiers and installers to benefit by providing them maximum flexibility in the design process.

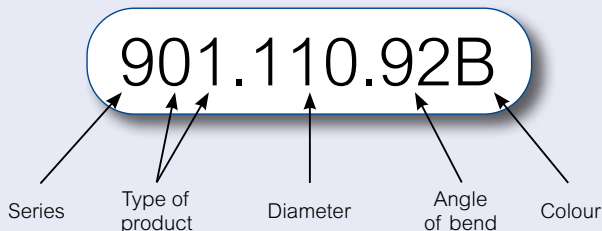
Utilising the intrinsic properties of high-density polyethylene, Terrain FUZE offers greater benefits above and beyond more traditional materials and performs significantly better when tested for impact and abrasion resistance, chemical corrosion and extreme temperatures.

The lightweight nature of Terrain FUZE allows the product to be installed quickly and efficiently, giving direct, resource-saving benefits to specifiers and installers.

HDPE offers exceptional performance above and beyond traditional pipe materials including:

- Versatile application
- Highly resistant to impact even at low temperatures
- Highly resistant to chemical agents
- Corrosion resistant
- Abrasion resistant
- Lightweight and easy to install
- Ideal for fabrication through our Polypipe Advantage Service

## A Guide to the Terrain HDPE Drainage Product Coding System



### Above Ground Drainage

#### Series

900 = HDPE FUZE

#### Diameter

40 = 40mm O/D waste  
50 = 50mm O/D waste  
56 = 56mm O/D waste  
75 = 75mm O/D waste  
110 = 110mm O/D soil  
160 = 160mm O/D soil  
200 = 200mm O/D soil  
250 = 250mm O/D soil  
315 = 315mm O/D soil


#### Type of Product


900 = Pipe  
901 = Bend  
904 = Branch  
906 = Double Branch  
910 = Couplings  
93x = Access Fittings

#### Colour

B - Black - RAL 9005

Products marked in the product listings are:

 - Available in .DWG file format.

 - Available in .RFA and .ADSK file format.

These files are ready to incorporate into design drawings. If you would like the files in the relevant format, simply contact the Advantage Team on 01622 795200 or email [commercialenquiries@polypipe.com](mailto:commercialenquiries@polypipe.com).

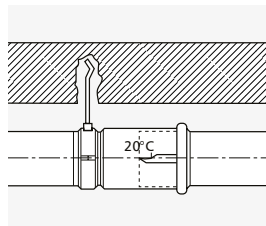


BSI kitemark certified

## Terrain FUZE On-site Jointing Techniques

### Expansion Socket with Ring Seal

- Connection properties:
- Non-removable
- Non-tension resistant



Horizontal assembly (e.g. at an ambient temperature of 20°C).

### Use

Expansion sockets can be used in underground pipe systems as normal push-fit fittings but must be provided on vertical stacks running from floor to floor and for rainwater pipes both inside and outside the building.

### Electrofusion Coupling



- Available in sizes 40 - 315mm
- Connection properties:
- Non-removable
- Tension resistant

### Use

This form of jointing is suitable for on-site welding, additional installations, repair work and modifications.

The pressure required for welding is obtained from the shrinking effect of the sleeve upon heating and is distributed equally over the entire weld.

This shrinkage has a compensating effect on pipe diameter measurement tolerances.

By removing the central stop ring, the electrical sleeves can be made to slide to enable system modifications and repairs.

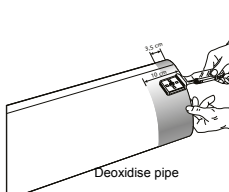
The electrical resistance wires will not corrode as they are protected by HDPE after welding.



Pipe scraper



Terrain FUZE Electrofusion Machine

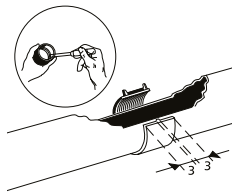


Cut the pipe squarely, dry, clean and scrape the welding surfaces.

The surface must remain clean and dry during the whole welding process, therefore do not touch with your hands.

The length of pipe to be scraped with diameters ranging from 40 - 160mm is 35mm.

The length of pipe to be scraped with diameters 200, 250 and 300mm is 100mm.



Insert pipe or fitting into sleeve coupling. If the stop ring in the sleeve needs to be removed, mark the depth at 30mm.



**TERRAIN**

## Stax faster with *Terrain FUZE Stax*

A unique, site-ready 2-part drainage stack system for kitchens, utilities and bathrooms.

They remove repetitious cuts and welds needed to create the same 'loose' configurations common in low to high rise buildings, making them simpler and quicker with far less waste.

With different top and bottom sections, stack diameters, vents, and more, available from your distributor, you'll be Stax faster and have more flexibility.

Learn more about how Terrain FUZE Stax complements existing ways to buy the Terrain FUZE range.

Sacr QR code or visit [www.polypipebuildingservices.com](http://www.polypipebuildingservices.com)









**THIS IS OUR  
TERRAIN**



**2-PART  
SOLUTION**





## Bathrooms



|   | Size mm   | Pack Qty | Code            | Price Each |
|---|---|----------|-----------------|------------|
| HDPE Bathroom Single Expansion  |   |          |                 |            |
|    | 7 Bosses<br>Bottom section, use with an access section (9411).                            |          |                 |            |
|   | 110/110/56  | 1        | 9401.11011056B  | £201.56    |
|   | 160/110/56  | 1        | 9401.16011056B  | £399.05    |
|   |   |          |                 |            |
| HDPE Bathroom Single Locked   |   |          |                 |            |
|    | 7 Bosses<br>Bottom section, use with an access section (9411).                            |          |                 |            |
|   | 110/110/56  | 1        | 9402.11011056B  | £159.77    |
|   | 160/110/56  | 1        | 9402.16011056B  | £354.65    |
|   |   |          |                 |            |
| HDPE Bathroom Double Expansion  |   |          |                 |            |
|    | 6 Bosses<br>Bottom section, use with an access section (9411).                            |          |                 |            |
|   | 110/110/56  | 1        | 9403.11011056B  | £195.09    |
|   | 160/110/56  | 1        | 9403.16011056B  | £417.66    |
|   |   |          |                 |            |
| HDPE Bathroom Double Locked   |   |          |                 |            |
|    | 6 Bosses<br>Bottom section, use with an access section (9411).                            |          |                 |            |
|   | 110/110/56  | 1        | 9404.11011056B  | £183.48    |
|   | 160/110/56  | 1        | 9404.16011056B  | £351.76    |
|   |   |          |                 |            |
| HDPE Bathroom Corner Expansion  |   |          |                 |            |
|   | 110mm = 6 Bosses, 160mm = 7 Bosses.<br>Bottom section, use with an access section (9411). |          |                 |            |
|   | 110/110/56  | 1        | 9405.11011056B* | £236.23    |
|   | 160/110/56  | 1        | 9405.16011056B  | £416.54    |
|   | *with 2 x 3-way boss branches   |          |                 |            |
| HDPE Bathroom Corner Locked   |   |          |                 |            |
|  | 110mm & 160mm = 7 Bosses.   |          |                 |            |
|   | 110/110/56  | 1        | 9406.11011056B  | £217.25    |
|   | 160/110/56  | 1        | 9406.16011056B  | £355.39    |
|   |   |          |                 |            |

Note: 927 ring seal adaptors can be fabricated to all Bathroom, Kitchen & Utility FUZE Stax sections, contact our Advantage team for further information 01622 795200


## Kitchens

|   | Size mm  | Pack Qty | Code          | Price Each |
|---|--|----------|---------------|------------|
| <b>HDPE Kitchen Expansion</b>   |  |          |               |            |
|  | 75mm = Single Branch, 110mm & 160mm = 4-Way Branch. * Excluding 9407.110563B = 3-Way Branch.<br>Bottom section, use with an access section (9411). |          |               |            |
|   | 75/56  | 1        | 9407.7556B    | £74.38     |
|   | 110/56   | 1        | 9407.11056B   | £105.13    |
|   | 110/56   | 1        | 9407.110563B* | £105.13    |
|   | 160/56   | 1        | 9407.16056B   | £221.34    |
| <b>HDPE Kitchen Locked</b>  |  |          |               |            |
|  | 75mm = Single Branch, 110mm & 160mm = 4-Way Branch. * Excluding 9408.110563B = 3-Way Branch.<br>Bottom section, use with an access section (9411). |          |               |            |
|   | 75/56  | 1        | 9408.7556B    | £62.94     |
|   | 110/56   | 1        | 9408.11056B   | £81.69     |
|   | 110/56   | 1        | 9408.110563B* | £81.69     |
|   | 160/56   | 1        | 9408.16056B   | £156.82    |


## Utilities

|   | Size mm   | Pack Qty | Code          | Price Each |
|---|---|----------|---------------|------------|
| <b>HDPE Utility Expansion</b>   |   |          |               |            |
|                | 75mm = 2 x Single Branch, 110mm & 160mm = 2 x 4-Way Branch. |          |               |            |
|   | 75/56   | 1        | 9409.7556B    | £80.10     |
|   | 110/56  | 1        | 9409.11056B   | £160.73    |
|   | 110/56  | 1        | 9409.110563B* | £160.73    |
|   | 160/56  | 1        | 9409.16056B   | £415.22    |
| * Excluding 9409.110563B = 2 x 3-Way Branch. Bottom section, use with an access section (9411). |   |          |               |            |
| <b>HDPE Utility Locked</b>  |   |          |               |            |
|               | 75mm = 2 x Single Branch, 110mm & 160mm = 2 x 4-Way Branch. |          |               |            |
|   | 75/56   | 1        | 9410.7556B    | £68.65     |
|   | 110/56  | 1        | 9410.11056B   | £139.09    |
|   | 110/56  | 1        | 9410.110563B* | £139.09    |
|   | 160/56  | 1        | 9410.16056B   | £246.77    |
| * Excluding 9410.110563B = 2 x 3-Way Branch. Bottom section, use with an access section (9411). |   |          |               |            |


## Access Pipes


|   | Size mm  | Pack Qty | Code      | Price Each |
|---|--|----------|-----------|------------|
| <b>HDPE Access Pipe</b>   |  |          |           |            |
|  | Top section, use with a bathroom, kitchen or utility section (9401-9408) or within a vent stack. |          |           |            |
|   | 56   | 1        | 9412.56B  | £71.83     |
|   | 75   | 1        | 9412.75B  | £84.96     |
|   | 110  | 1        | 9412.110B | £127.24    |
|   | 160  | 1        | 9412.160B | £293.28    |


## No Connections


|   | Size mm | Pack Qty | Code      | Price Each |
|---|---------|----------|-----------|------------|
| <b>HDPE No Connection</b>   |         |          |           |            |
|  | 56      | 1        | 9411.56B  | £41.88     |
|   | 75      | 1        | 9411.75B  | £48.03     |
|   | 110     | 1        | 9411.110B | £65.30     |
|   | 160     | 1        | 9411.160B | £122.76    |

## Vents

|  | Size mm | Pack Qty | Code         | Price Each |
|--|---------|----------|--------------|------------|
| <b>HDPE Terrain P.A.P.A. Horizontal</b>  |         |          |              |            |
| For connecting to Terrain P.A.P.A. valve 9300.4 (see p73).                       |         |          |              |            |
|  | 110/110 | 4        | 9413.110110B | £36.23     |
|  | 160/110 | 3        | 9413.160110B | £110.53    |

|  |         |   |              |         |
|--|---------|---|--------------|---------|
| <b>HDPE Terrain P.A.P.A. Vertical</b>  |         |   |              |         |
| For connecting to Terrain P.A.P.A. valve 9300.4 (see p73).                       |         |   |              |         |
|  | 110/110 | 4 | 9414.110110B | £51.50  |
|  | 160/110 | 3 | 9414.160110B | £113.20 |


|  |         |   |              |         |
|--|---------|---|--------------|---------|
| <b>HDPE Cross Vent Termination</b>   |         |   |              |         |
|  | 110/56  | 4 | 9415.11056B  | £34.33  |
|  | 110/75  | 4 | 9415.11075B  | £40.05  |
|  | 110/110 | 4 | 9415.110110B | £43.48  |
|  | 160/110 | 3 | 9415.160110B | £109.70 |


|  |         |   |              |         |
|--|---------|---|--------------|---------|
| <b>HDPE Cross Vent</b>   |         |   |              |         |
|  | 110/56  | 4 | 9416.11056B  | £34.33  |
|  | 110/75  | 4 | 9416.11075B  | £42.34  |
|  | 110/110 | 4 | 9416.110110B | £42.99  |
|  | 160/110 | 3 | 9416.160110B | £117.27 |

TERRAIN FUZE HDPE PIPES AND COUPLINGS ARE NOW CERTIFIED TO BS EN 1519




## Pipes


|   | Size mm | Pack Qty | Code        | Price Each |
|---|---------|----------|-------------|------------|
| <b>HDPE Pipe - 3 metre length</b>   |         |          |             |            |
|  | 40      | 50       | 900.40.30B  | £19.65     |
|   | 50      | 50       | 900.50.30B  | £23.48     |
|   | 56      | 40       | 900.56.30B  | £26.96     |
|   | 75      | 30       | 900.75.30B  | £37.21     |
|   | 110     | 15       | 900.110.30B | £66.80     |
|   | 160     | 10       | 900.160.30B | £160.32    |


|   |     |     |             |         |
|---|-----|-----|-------------|---------|
| <b>HDPE Pipe - 5 metre length</b>   |     |     |             |         |
|  | 40  | 159 | 900.40.50B  | £32.91  |
|   | 50  | 86  | 900.50.50B  | £39.07  |
|   | 56  | 98  | 900.56.50B  | £44.83  |
|   | 75  | 58  | 900.75.50B  | £62.04  |
|   | 110 | 57  | 900.110.50B | £111.29 |
|   | 160 | 10  | 900.160.50B | £267.16 |
|   | 200 | 10  | 900.200.50B | £346.22 |
|   | 250 | 8   | 900.250.50B | £555.02 |
|   | 315 | 6   | 900.315.50B | £865.50 |

## Electrofusion Couplings

|   | Size mm | Pack Qty | Code     | Price Each |
|---|---------|----------|----------|------------|
| <b>HDPE electrofusion couplings</b>   |         |          |          |            |
|  | 40      | 20       | 910.40B  | £9.61      |
|   | 50      | 16       | 910.50B  | £9.90      |
|   | 56      | 16       | 910.56B  | £9.50      |
|   | 75      | 18       | 910.75B  | £14.37     |
|   | 110     | 10       | 910.110B | £14.17     |
|   | 160     | 8        | 910.160B | £35.56     |
|   | 200     | 10       | 910.200B | £247.68    |
|   | 250     | 55       | 910.250B | £409.42    |
|   | 315     | 34       | 910.315B | £464.38    |

## Ring Seal Couplings

|   | Size mm | Pack Qty | Code      | Price Each |
|---|---------|----------|-----------|------------|
| <b>HDPE ring seal socket</b>  |         |          |           |            |
| With central stop.  |         |          |           |            |
|  | 110     | 1        | 910P.110B | £98.57     |
|   | 160     | 5        | 910P.160B | £356.23    |
|   | 200     | 1        | 910P.200B | £453.37    |
|   | 250     | 1        | 910P.250B | £680.05    |
|   | 315     | 1        | 910P.315B | £939.11    |

|   |     |    |           |         |
|---|-----|----|-----------|---------|
| <b>HDPE ring seal expansion socket</b>  |     |    |           |         |
| Used for expansion.   |     |    |           |         |
|  | 40  | 20 | 911.40B   | £19.44  |
|   | 50  | 30 | 911.50B   | £19.33  |
|   | 56  | 30 | 911.56B   | £18.52  |
|   | 75  | 20 | 911.75B   | £24.57  |
|   | 110 | 10 | 911.110B* | £26.32  |
|   | 160 | 80 | 911.160B* | £71.79  |
|   | 200 | 1  | 911.200B  | £331.39 |
|   | 250 | 1  | 911.250B* | £459.82 |
|   | 315 | 8  | 911.315B* | £832.23 |

\*For Rigid pipe support \*without cap.

## Ring Seal Couplings

| Size mm  | Pack Qty | Code      | Price Each |
|--|----------|-----------|------------|
| <b>HDPE ring seal adaptors with cap</b>        |          |           |            |
| Installation guide is in the technical manual. |          |           |            |
| 40   | 130      | 927.40B   | £7.45      |
| 50   | 80       | 927.50B   | £8.87      |
| 56   | 80       | 927.56B   | £12.02     |
| 75   | 30       | 927.75B   | £14.11     |
| 110  | 20       | 927.110B  | £16.70     |
| 160  | 15       | 927.160B  | £55.83     |
| 200  | 1        | 927.200B  | £294.13    |
| 250  | 1        | 927.250B* | £484.04    |
| 315  | 1        | 927.315B* | £558.56    |



\*without cap.

### HDPE sliding connector

Without central stop

|     |    |           |         |
|-----|----|-----------|---------|
| 110 | 16 | 911S.110B | £183.20 |
| 160 | 8  | 911S.160B | £356.23 |
| 200 | 1  | 911S.200B | £485.73 |
| 250 | 1  | 911S.250B | £680.05 |
| 315 | 1  | 911S.315B | £939.11 |



### HDPE female PVC adaptor with ring seal

|         |    |             |        |
|---------|----|-------------|--------|
| 110/100 | 10 | 925.110100B | £45.38 |
|---------|----|-------------|--------|



### UNIQUE

#### HDPE - PVC ring seal adaptor

|         |   |           |        |
|---------|---|-----------|--------|
| 40 x 36 | 5 | 927.4036B | £14.56 |
| 50 x 36 | 5 | 927.5036B | £14.62 |
| 50 x 43 | 5 | 927.5043B | £14.67 |
| 56 x 36 | 5 | 927.5636B | £14.67 |
| 56 x 43 | 5 | 927.5643B | £14.71 |



### Material and Sizing Compatibility

| FUZE Size (mm) | PVC, PP or ABS Size (mm) |
|----------------|--------------------------|
| 927.4036B      | 40                       |
| 927.5036B      | 50                       |
| 927.5043B      | 50                       |
| 927.5636B      | 56                       |
| 927.5643B      | 56                       |



## Ring Seal Adaptor Bends

| Size mm                                       | Pack Qty | Code       | Price Each |
|---|----------|------------|------------|
| <b>UNIQUE HDPE 90° ring seal adaptor bend</b> |          |            |            |
| 56  | 1        | 927.56.90B | £21.34     |



### UNIQUE

#### HDPE 135° (45°) ring seal adaptor bend

|    |   |             |        |
|----|---|-------------|--------|
| 56 | 1 | 927.56.135B | £21.34 |
|----|---|-------------|--------|



## Alignment Funnel

| Size mm                                     | Pack Qty | Code      | Price Each |
|---|----------|-----------|------------|
| <b>HDPE Alignment Funnel</b>                |          |           |            |
| Allows for ease of insertion between floors |          |           |            |
| 110   | 6        | 911E.110B | £190.09    |



## Rigid Fixings

| Size mm                   | Pack Qty | Code     | Price Each |
|---------------------------|----------|----------|------------|
| <b>HDPE rigid fixing</b>  |          |          |            |
| For joining HDPE to HDPE. |          |          |            |
| 110                       | 4        | 990.110B | £61.31     |
| For joining HDPE to PVC.  |          |          |            |
| 110                       | 4        | 990.4B   | £54.03     |



### RECOMMENDED

### Mechanical Couplings

| Size mm  | Pack Qty | Code      | Price Each |
|--|----------|-----------|------------|
| <b>HDPE mechanical coupling</b>                      |          |           |            |
| For joining HDPE to HDPE or HDPE to EN877 Cast Iron. |          |           |            |
| 110  | 12       | 9110.110B | £44.97     |
| 160  | 8        | 9110.160B | £56.12     |
| For joining HDPE to BS416 Cast Iron.                 |          |           |            |
| 110  | 12       | 9110.110C | £54.62     |
| 160  | 8        | 9110.160C | £102.06    |



NOTE: As a Mechanical Coupling product, a different discount structure applies

## 911E.110B – 110mm HDPE Alignment Funnel

Ø200 funnel for ease of insertion.

Ring seal connection

Triple Depth Socket to allow thermal expansion

Ø200 spigot can be Butt or Electrofusion welded



- Funnel allows for ease of insertion between floors
- Provides an expansion point on the stack
- Perfect for use with our Advantage service
- Unique UK style fitting

# You spoke.

## We listened.

RING SEAL  
ADAPTOR BENDS

3-WAY BOSS  
BRANCH

LONG RADIUS BEND

VARIABLE BEND

When we asked you about drainage stacks, you told us that as plans change, walls and floors move, projects get complicated. And some connections are just plain awkward.

We hear you. So, the Terrain FUZE range now includes unique problem-solving fittings. A long radius bend, a zero to 25° variable bend, 90° and 135° ring seal adaptors and a 3-way boss branch.

Now you can deal with unplanned changes, odd shapes and tight spaces much more quickly and easily.

If that sounds good to you, scan QR code or visit [www.polypipebuildingservices.com](http://www.polypipebuildingservices.com)



*THIS IS OUR*  
**TERRAIN**

| Bends  |         |          |               |            |
|--|---------|----------|---------------|------------|
|  | Size mm | Pack Qty | Code          | Price Each |
| <b>HDPE 92.5° (87.5°) bend</b>   |         |          |               |            |
|    | 40      | 200      | 901.40.92B    | £4.40      |
|  | 50      | 100      | 901.50.92B    | £5.93      |
|  | 56      | 90       | 901.56.92B    | £5.75      |
|  | 75      | 40       | 901.75.92B    | £10.76     |
|  | 110     | 30       | 901.110.92B   | £15.97     |
|  | 160     | 90       | 901.160.92B   | £66.99     |
| <b>HDPE 90° bend</b>   |         |          |               |            |
|    | 200     | 1        | 907.200.90B   | £245.35    |
|  | 250     | 14       | 907.250.90B   | £409.62    |
|  | 315     | 1        | 907.315.90B   | £595.82    |
| Wide radius, and welded.   |         |          |               |            |
| <b>HDPE extended spigot bend</b>   |         |          |               |            |
|    | 56      | 20       | 902.56.90B    | £6.99      |
|  | 110     | 10       | 902.110.90B   | £22.68     |
| <b>HDPE 112.5° (67.5°) bend</b>  |         |          |               |            |
|    | 110     | 1        | 901.110.112B* | £83.85     |
|  | 160     | 1        | 901.160.112B* | £130.01    |
|  | 200     | 1        | 901.200.112B* | £149.11    |
|  | 250     | 1        | 901.250.112B* | £244.51    |
|  | 315     | 1        | 901.315.112B* | £422.40    |
| *Welded  |         |          |               |            |
| <b>HDPE 135° (45°) bend</b>  |         |          |               |            |
|   | 40      | 5        | 901.40.135B   | £4.40      |
|  | 50      | 5        | 901.50.135B   | £4.43      |
|  | 56      | 120      | 901.56.135B   | £5.19      |
|  | 75      | 50       | 901.75.135B   | £8.54      |
|  | 110     | 24       | 901.110.135B  | £12.22     |
|  | 160     | 18       | 901.160.135B  | £51.70     |
|  | 200     | 32       | 901.200.135B* | £142.59    |
|  | 250     | 1        | 901.250.135B* | £231.95    |
|  | 315     | 10       | 901.315.135B* | £321.67    |
| *Welded  |         |          |               |            |
| <b>HDPE 150° (30°) bend</b>  |         |          |               |            |
|  | 110     | 30       | 901.110.150B* | £41.28     |
|  | 160     | 1        | 901.160.150B* | £63.05     |
|  | 200     | 1        | 901.200.150B* | £78.25     |
|  | 250     | 1        | 901.250.150B* | £128.13    |
|  | 315     | 1        | 901.315.150B* | £203.76    |
| *Welded  |         |          |               |            |
| <b>HDPE 165° (15°) bend</b>  |         |          |               |            |
|  | 110     | 30       | 901.110.165B* | £40.38     |
|  | 160     | 1        | 901.160.165B* | £59.77     |
|  | 200     | 1        | 901.200.165B* | £72.67     |
|  | 250     | 1        | 901.250.165B* | £125.09    |
|  | 315     | 1        | 901.315.165B* | £183.04    |
| *Welded  |         |          |               |            |
| <b>UNIQUE HDPE 92.5° (87.5°) long radius bend</b>                                  |         |          |               |            |
|  | 110     | 1        | 901.110.92RB  | £67.71     |








| Bends   |                     |          |               |            |
|---|---------------------|----------|---------------|------------|
|   | Size mm             | Pack Qty | Code          | Price Each |
| UNIQUE HDPE variable bend - adjustable 0-25°                                      |                     |          |               |            |
|  | 110                 | 1        | 907.110.025B* | £86.40     |
|   | * supplied as a kit |          |               |            |








| Branches  |         |          |                 |            |
|---|---------|----------|-----------------|------------|
|   | Size mm | Pack Qty | Code            | Price Each |
| HDPE 90° branch   |         |          |                 |            |
|    | 40      | 100      | 904.40.90B      | £8.76      |
|   | 50      | 70       | 904.50.90B      | £11.12     |
|   | 56      | 40       | 904.56.90B      | £11.12     |
|   | 75      | 30       | 904.75.90B      | £13.69     |
|   | 110     | 20       | 904.110.90B     | £20.07     |
|   | 160     | 8        | 904.160.90B     | £111.68    |
|   | 200     | 1        | 904.200.90B*    | £221.50    |
|   | 250     | 1        | 904.250.90B*    | £316.54    |
|   | 315     | 1        | 904.315.90B*    | £446.85    |
| *Welded   |         |          |                 |            |
| HDPE 90° reducing branch  |         |          |                 |            |
|   | 50/40   | 25       | 904.5040.90B    | £11.12     |
|   | 56/50   | 25       | 904.5650.90B    | £11.12     |
|   | 75/40   | 25       | 904.7540.90B    | £13.69     |
|   | 75/50   | 20       | 904.7550.90B    | £13.69     |
|   | 75/56   | 30       | 904.7556.90B    | £13.69     |
|   | 110/40  | 15       | 904.11040.90B   | £20.07     |
|   | 110/50  | 10       | 904.11050.90B   | £20.07     |
|   | 110/56  | 10       | 904.11056.90B   | £20.07     |
|   | 110/75  | 10       | 904.11075.90B   | £20.07     |
|   | 160/110 | 8        | 904.160110.90B  | £111.68    |
|   | 200/110 | 1        | 904.200110.90B* | £221.50    |
|   | 200/160 | 1        | 904.200160.90B* | £221.50    |
|   | 250/110 | 1        | 904.250110.90B* | £316.54    |
|   | 250/160 | 1        | 904.250160.90B* | £316.54    |
|   | 250/200 | 1        | 904.250200.90B* | £316.54    |
|   | 315/110 | 1        | 904.315110.90B* | £372.34    |
|   | 315/160 | 1        | 904.315160.90B* | £372.34    |
|   | 315/200 | 1        | 904.315200.90B* | £372.34    |
|   | 315/250 | 1        | 904.315250.90B* | £372.34    |
| *Welded   |         |          |                 |            |
| HDPE 135° (45°) Y branch  |         |          |                 |            |
|  | 40      | 80       | 904.40.135B     | £10.74     |
|   | 50      | 50       | 904.50.135B     | £11.12     |
|   | 56      | 40       | 904.56.135B     | £10.53     |
|   | 75      | 20       | 904.75.135B     | £12.97     |
|   | 110     | 16       | 904.110.135B    | £22.27     |
|   | 160     | 45       | 904.160.135B    | £102.74    |
|   | 200     | 16       | 904.200.135B*   | £331.39    |
|   | 250     | 8        | 904.250.135B*   | £558.56    |
|   | 315     | 1        | 904.315.135B*   | £819.22    |
| *Welded   |         |          |                 |            |



## Branches

|  | Size mm | Pack Qty | Code             | Price Each |
|--|---------|----------|------------------|------------|
| <b>HDPE 135° (45°) reducing Y branch</b>   |         |          |                  |            |
|    | 50/40   | 20       | 904.5040.135B    | £11.12     |
|  | 56/50   | 20       | 904.5650.135B    | £10.53     |
|  | 75/40   | 25       | 904.7540.135B    | £12.97     |
|  | 75/50   | 25       | 904.7550.135B    | £12.97     |
|  | 75/56   | 25       | 904.7556.135B    | £12.97     |
|  | 110/40  | 10       | 904.11040.135B   | £22.27     |
|  | 110/50  | 15       | 904.11050.135B   | £22.27     |
|  | 110/56  | 15       | 904.11056.135B   | £22.27     |
|  | 110/75  | 8        | 904.11075.135B   | £22.27     |
|  | 160/75  | 6        | 904.16075.135B   | £138.49    |
|  | 160/110 | 7        | 904.160110.135B  | £102.74    |
|  | 200/75  | 1        | 904.20075.135B*  | £206.60    |
|  | 200/110 | 1        | 904.200110.135B* | £221.50    |
|  | 200/160 | 1        | 904.200160.135B* | £230.84    |
|  | 250/110 | 10       | 904.250110.135B* | £372.34    |
|  | 250/160 | 1        | 904.250160.135B* | £409.62    |
|  | 250/200 | 1        | 904.250200.135B* | £409.62    |
|  | 315/110 | 1        | 904.315110.135B* | £651.67    |
|  | 315/160 | 1        | 904.315160.135B* | £651.67    |
|  | 315/200 | 1        | 904.315200.135B* | £688.86    |
|  | 315/250 | 1        | 904.315250.135B* | £688.86    |
| *Welded  |         |          |                  |            |
| <b>HDPE 60° double Y branch</b>  |         |          |                  |            |
|    | 50/40   | 25       | 906.5040.60B     | £13.69     |
|  | 110/110 | 10       | 906.110.60B      | £35.34     |
| <b>HDPE 135° (45°) double branch</b>   |         |          |                  |            |
|   | 110/40  | 10       | 906.11040.135B   | £31.94     |
|  | 110/50  | 10       | 906.11050.135B   | £36.42     |
|  | 110/110 | 8        | 906.110.135B     | £40.92     |
| <b>HDPE 92.5° (87.5°) double branch</b>  |         |          |                  |            |
|  | 110     | 6        | 906.110.92B      | £55.74     |
| <b>HDPE 88° swept branch</b>   |         |          |                  |            |
|  | 56/56   | 40       | 904.56.92B       | £19.06     |
|  | 110/110 | 18       | 904.110.92B      | £24.25     |


## Branches

|   | Size mm   | Pack Qty | Code          | Price Each |
|---|---|----------|---------------|------------|
| <b>UNIQUE</b>   |   |          |               |            |
|    | <b>HDPE 92.5° (87.5°) swept entry bossed branch</b> |          |               |            |
|   | 5 Bosses. <b>Bosses are butt weld only.</b>         |          |               |            |
|   | 110/110/56  | 17       | 904.110.925B  | £61.64     |
| <b>UNIQUE</b>   |   |          |               |            |
|    | <b>HDPE 92.5° (87.5°) single boss branch</b>        |          |               |            |
|   | 110/56  | 12       | 904.11090.12B | £111.82    |
|   | <b>HDPE 3 way boss branch</b>                       |          |               |            |
|    | 110/56  | 1        | 921.110.56B   | £47.41     |
|   | <b>HDPE 90° 4 way branch</b>                        |          |               |            |
|    | 110/56  | 8        | 920.110.56B   | £64.16     |
|   | 160/56  | 15       | 920.160.56B   | £111.68    |
|   | <b>Note:</b> 920.110.56B has one boss pre-drilled   |          |               |            |
| <b>UNIQUE</b>   |   |          |               |            |
|   | <b>HDPE 92.5° (87.5°) corner boss branch</b>        |          |               |            |
|   | 110   | 9        | 906.11090.12B | £139.86    |
|   | <b>HDPE 92.5° (87.5°) corner boss branch</b>        |          |               |            |
|  | 110   | 12       | 906.11090.92B | £83.78     |
|   | <b>HDPE 92.5° (87.5°) 3 way corner branch</b>       |          |               |            |
|  | 110   | 75       | 906.11093.92B | £111.82    |


| Access   |         |          |              |            |
|--|---------|----------|--------------|------------|
|  | Size mm | Pack Qty | Code         | Price Each |
| <b>HDPE 45° access pipe with screw cap</b>   |         |          |              |            |
|    | 110/110 | 1        | 938.110.135B | £64.33     |
|  | 160/110 | 1        | 938.160.135B | £157.54    |
| <b>UNIQUE HDPE 90° access pipe with screw cap</b>                                  |         |          |              |            |
|    | 50      | 40       | 938.50.90B   | £43.87     |
|  | 56      | 20       | 938.56.90B   | £44.64     |
|  | 75      | 30       | 938.75.90B   | £48.37     |
|  | 110     | 8        | 938.110.90B* | £63.95     |
| <b>UNIQUE</b>  | 160     | 54       | 938.160.90B† | £150.69    |
|    | 200     | 1        | 938.200.90B  | £260.63    |
|  | 250     | 1        | 938.250.90B  | £335.14    |
|  | 315     | 1        | 938.315.90B  | £404.78    |
| * For spare door use 9938.110B   |         |          |              |            |
| † Fitting has 3 butt weld connections  |         |          |              |            |
| <b>HDPE short end cap with seal</b>  |         |          |              |            |
|   | 110     | 10       | 9938.110B    | £14.61     |
| <b>HDPE screwed end cap</b>  |         |          |              |            |
|   | 40      | 40       | 936.40B      | £13.11     |
|  | 50      | 40       | 936.50B      | £13.36     |
|  | 56      | 30       | 936.56B*     | £19.46     |
|  | 75      | 30       | 936.75B      | £31.23     |
|  | 110     | 20       | 936.110B*    | £32.82     |
|  | 160     | 10       | 936.160B*    | £107.73    |
| *Includes bung.  |         |          |              |            |
| †Note: cap can also be used for the 938.75.90B                                     |         |          |              |            |
| <b>HDPE end cap with seal</b>  |         |          |              |            |
|  | 56      | 10       | 9936.56B     | £12.89     |
|  | 110     | 20       | 9936.110B*   | £32.82     |
| *Includes bung.  |         |          |              |            |
| <b>HDPE short screwed cap</b>  |         |          |              |            |
| Butt weld only.  |         |          |              |            |
|  | 110     | 15       | 935.110B     | £25.39     |

| Access  |         |          |           |            |
|---|---------|----------|-----------|------------|
|   | Size mm | Pack Qty | Code      | Price Each |
| <b>HDPE threaded union</b>  |         |          |           |            |
|  | 50      | 50       | 9122.50B  | £6.45      |
|   | 56      | 10       | 9122.56B  | £6.80      |
|   | 75      | 15       | 9122.75B  | £10.74     |
|   | 110     | 100      | 9122.110B | £17.19     |
| <b>HDPE nut</b>   |         |          |           |            |
|  | 50      | 10       | 9120.50B  | £7.76      |
|   | 56      | 10       | 9120.56B  | £8.76      |
|   | 75      | 10       | 9120.75B  | £13.95     |
|   | 110     | 10       | 9120.110B | £21.38     |
| <b>HDPE threaded coupling</b>   |         |          |           |            |
|  | 40      | 40       | 912.40B   | £11.40     |
|   | 50      | 40       | 912.50B   | £12.34     |
|   | 56      | 25       | 912.56B   | £12.34     |
|   | 75      | 20       | 912.75B   | £34.57     |
|   | 110     | 15       | 912.110B  | £44.23     |






## Vent Cows

|  | Size mm | Pack Qty | Code     | Price Each |
|--|---------|----------|----------|------------|
| <b>HDPE vent cow</b>   |         |          |          |            |
| Spigot outlet.   |         |          |          |            |
|  | 75      | 120      | 950.75B  | £15.75     |
|  | 110     | 180      | 950.110B | £18.48     |
|  | 160     | 65       | 950.160B | £26.19     |








## Weathering Aprons

|  | Size mm | Pack Qty | Code         | Price Each |
|--|---------|----------|--------------|------------|
| <b>HDPE weathering apron</b>   |         |          |              |            |
|  |         | 13       | 931.110.200B | £46.95     |

## Reducers

|  | Size mm | Pack Qty | Code         | Price Each |
|--|---------|----------|--------------|------------|
| <b>HDPE concentric reducer</b>   |         |          |              |            |
|    | 50/40   | 50       | 924.5040B    | £4.91      |
|  | 56/50   | 150      | 924.5650B    | £5.35      |
|  | 75/40   | 50       | 924.7540B    | £6.30      |
|  | 75/50   | 50       | 924.7550B    | £6.30      |
|  | 75/56   | 50       | 924.7556B    | £6.30      |
|  | 110/40  | 30       | 924.11040B   | £9.87      |
|  | 110/50  | 30       | 924.11050B   | £9.87      |
|  | 110/56  | 60       | 924.11056B   | £9.87      |
|  | 110/75  | 30       | 924.11075B   | £9.87      |
|  | 160/110 | 1        | 924.160110B  | £17.53     |
|    | 200/160 | 1        | 924.200160B  | £111.53    |
| <b>HDPE eccentric reducer</b>  |         |          |              |            |
|  | 50/40   | 50       | 923.5040B    | £5.79      |
|  | 56/40   | 180      | 923.5640B    | £6.61      |
|  | 56/50   | 30       | 923.5650B    | £6.30      |
|  | 75/40   | 30       | 923.7540B    | £7.64      |
|  | 75/50   | 30       | 923.7550B    | £7.64      |
|  | 75/56   | 45       | 923.7556B    | £7.64      |
|  | 110/40  | 25       | 923.11040B   | £11.18     |
|  | 110/50  | 25       | 923.11050B   | £11.18     |
|  | 110/56  | 25       | 923.11056B   | £11.18     |
|  | 110/75  | 25       | 923.11075B   | £11.18     |
|  | 160/110 | 10       | 923.160110B  | £24.59     |
| <b>HDPE long eccentric reducer</b>   |         |          |              |            |
|  | 160/110 | 5        | 923.160110LB | £133.98    |
|  | 200/110 | 8        | 923.200110LB | £178.60    |
|  | 200/160 | 1        | 923.200160LB | £178.60    |
|  | 250/200 | 1        | 923.250200LB | £290.29    |
|  | 315/200 | 1        | 923.315200LB | £401.89    |
|  | 315/250 | 1        | 923.315250LB | £401.89    |

## Blank Ends

|   | Size mm                  | Pack Qty | Code       | Price Each |
|---|--------------------------|----------|------------|------------|
| <b>HDPE blank end</b>   |                          |          |            |            |
| Butt weld only  |                          |          |            |            |
|    | 40                       | 100      | 930.40B    | £7.89      |
|   | 50                       | 250      | 930.50B    | £4.68      |
|   | 56                       | 250      | 930.56B    | £4.68      |
|   | 75                       | 30       | 930.75B    | £8.35      |
|   | 110                      | 40       | 930.110B   | £11.12     |
|   | 160                      | 20       | 930.160B   | £44.67     |
|   | 200                      | 15       | 930.200B   | £63.28     |
|   | 250                      | 1        | 930.250B   | £81.94     |
|   | 315                      | 1        | 930.315B   | £93.11     |
| <b>HDPE long blank end</b>  |                          |          |            |            |
| Butt weld or Electrofusion  |                          |          |            |            |
|    | 40                       | 120      | 930.40LB   | £7.45      |
|   | 50                       | 90       | 930.50LB   | £6.33      |
|   | 56                       | 60       | 930.56LB   | £6.33      |
|   | 75                       | 30       | 930.75LB   | £14.07     |
|   | 110                      | 36       | 930.110LB  | £15.04     |
|   | 160                      | 16       | 930.160LB  | £60.32     |
| <b>HDPE flange adapter</b>  |                          |          |            |            |
|    | 50                       | 40       | 980.50B    | £33.45     |
|   | 56                       | 1        | 980.56B    | £33.45     |
|   | 75                       | 1        | 980.75B    | £46.37     |
|   | 110                      | 20       | 980.110B   | £51.24     |
|   | 160                      | 10       | 980.160B   | £87.53     |
|   | 200                      | 4        | 980.200B   | £167.60    |
|   | 250                      | 5        | 980.250B   | £290.43    |
|   | 315                      | 6        | 980.315B   | £495.22    |
| <b>Flange jointing set</b>  |                          |          |            |            |
|    | M16x90 (50-56 flange)    | 1(4pcs)  | 984.1650B  | £18.67     |
|   | M16x100 (63-75 flange)   | 1(4pcs)  | 984.1663B  | £20.90     |
|   | M16x110 (110-140 flange) | 1(8pcs)  | 984.16110B | £48.41     |
|   | M20x110 (160 flange)     | 1(8pcs)  | 984.20160B | £70.81     |
|   | M20x130 (200-315 flange) | 1(12pcs) | 984.20250B | £130.33    |
| <b>Rubber flange seal</b>   |                          |          |            |            |
|  | 50                       | 1        | 982.50B    | £5.55      |
|   | 56                       | 1        | 982.56B    | £7.44      |
|   | 75                       | 1        | 982.75B    | £11.30     |
|   | 110                      | 1        | 982.110B   | £14.88     |
|   | 160                      | 1        | 982.160B   | £17.73     |
|   | 200                      | 30       | 982.200B   | £21.40     |
|   | 250                      | 1        | 982.250B   | £37.20     |
|   | 315                      | 1        | 982.315B   | £48.37     |
| <b>Painted aluminium backing ring</b>   |                          |          |            |            |
|  | 50                       | 1        | 981.50B    | £48.29     |
|   | 56                       | 1        | 981.56B    | £51.95     |
|   | 75                       | 1        | 981.75B    | £63.15     |
|   | 110                      | 1        | 981.110B   | £74.30     |
|   | 160                      | 1        | 981.160B   | £130.19    |
|   | 200                      | 5        | 981.200B   | £186.05    |
|   | 250                      | 1        | 981.250B   | £271.67    |
|   | 315                      | 1        | 981.315B   | £372.25    |
| <b>Painted aluminium blank flange</b>   |                          |          |            |            |
|  | 50                       | 1        | 983.50B    | £109.81    |
|   | 56                       | 1        | 983.56B    | £80.40     |
|   | 75                       | 1        | 983.75B    | £84.84     |
|   | 110                      | 1        | 983.110B   | £133.98    |
|   | 160                      | 1        | 983.160B   | £223.21    |
|   | 200                      | 8        | 983.200B   | £290.43    |
|   | 250                      | 1        | 983.250B   | £402.13    |
|   | 315                      | 1        | 983.315B   | £744.78    |








| Utilities  |         |          |               |            |
|--|---------|----------|---------------|------------|
|  | Size mm | Pack Qty | Code          | Price Each |
| <b>HDPE WC pan connector - white</b>   |         |          |               |            |
|    | 110     | 10       | 925.110W      | £55.68     |
| <b>HDPE straight WC pan connector with seal and cap</b>                            |         |          |               |            |
|    | 90/100  | 10       | 999.90100.00B | £64.77     |
| <b>HDPE double WC pan connector with 1 lip seals and caps</b>                      |         |          |               |            |
|    | 110/110 | 5        | 929.110.90DB  | £152.21    |
| <b>HDPE bend for wall hung pan with 1 lip seal and cap, left</b>                   |         |          |               |            |
|    | 110/110 | 5        | 949.110LB     | £87.49     |
|  | 110/90  | 5        | 949.11090LB   | £87.49     |
| <b>HDPE bend for wall hung pan with 1 lip seal and cap, right</b>                  |         |          |               |            |
|    | 110/110 | 5        | 949.110RB     | £87.49     |
|  | 110/90  | 5        | 949.11090RB   | £87.49     |
| <b>HDPE WC pan connectors</b>  |         |          |               |            |
|   | 110/110 | 5        | 949.110DB     | £223.21    |
| <b>HDPE connector for wall hung pan with seal &amp; white covering</b>             |         |          |               |            |
|  | 110/44  | 10       | 925.11044B    | £48.58     |
| <b>HDPE WC bend for hanging pan with seal and cap</b>                              |         |          |               |            |
|  | 110/110 | 10       | 999.110.90B   | £76.05     |
| <b>HDPE trap with seal and cap</b>   |         |          |               |            |
|  | 110     | 5        | 9631.110.0B   | £97.17     |

| Utilities   |          |          |                |            |
|---|----------|----------|----------------|------------|
|   | Size mm  | Pack Qty | Code           | Price Each |
| <b>HDPE universal trap, vertical inlet and horizontal outlet</b>                    |          |          |                |            |
|    | 110      | 4        | 931.110B       | £316.41    |
| <b>HDPE trap, vertical inlet and horizontal outlet</b>                              |          |          |                |            |
|    | 40/40    | 30       | 931.4040B      | £98.94     |
|   | 40/56    | 10       | 931.4056B      | £93.94     |
|   | 50/50    | 10       | 931.5050B      | £96.27     |
|   | 50/56    | 10       | 931.5056B      | £123.61    |
| <b>HDPE trap - vertical inlet and outlet</b>  |          |          |                |            |
|    | 40/40    | 50       | 932.4040B      | £93.94     |
|   | 40/50    | 10       | 932.4050B      | £93.94     |
|   | 40/56    | 10       | 932.4056B      | £93.94     |
|   | 50/50    | 10       | 932.5050B      | £117.43    |
|   | 50/56    | 10       | 932.5056B      | £93.94     |
| <b>HDPE trap - horizontal inlet and outlet</b>                                      |          |          |                |            |
|    | 40/40    | 15       | 945.4040B      | £156.57    |
|   | 40/50    | 10       | 945.4050B      | £93.94     |
|   | 50/50    | 10       | 945.5050B      | £145.73    |
| <b>HDPE fitting with nut - *brass *plastic</b>                                      |          |          |                |            |
|   | 40mm/1¼" | 50       | 918.40.125BN†  | £13.59     |
|   | 40mm/1½" | 50       | 918.40.15BN†   | £18.01     |
|   | 50mm/1¼" | 40       | 918.50.125BN†  | £12.34     |
|   | 50mm/1½" | 40       | 918.50.15BN†   | £17.03     |
|   | 40mm/1¼" | 40       | 918.40.125PN*  | £15.10     |
|   | 40mm/1½" | 40       | 918.40.15PN*   | £11.37     |
|   | 50mm/1¼" | 30       | 918.50.125PN*  | £14.16     |
|   | 50mm/1½" | 80       | 918.50.15PN*   | £15.00     |
| <b>HDPE extended fitting with nut - *brass *plastic</b>                             |          |          |                |            |
|  | 40mm/1¼" | 20       | 918.40.125EB†  | £20.40     |
|   | 40mm/1½" | 20       | 918.40.15EBN†  | £28.36     |
|   | 50mm/1¼" | 20       | 918.50.125EBN† | £24.26     |
|   | 50mm/1½" | 20       | 918.50.15EBN†  | £30.36     |
|   | 40mm/1¼" | 20       | 918.40.125EPN* | £18.44     |
|   | 40mm/1½" | 20       | 918.40.15EPN*  | £25.65     |
|   | 50mm/1¼" | 20       | 918.50.125EPN* | £21.04     |
|   | 50mm/1½" | 20       | 918.50.15EPN*  | £26.30     |



## Utilities

|  | Size mm        | Pack Qty | Code               | Price Each |
|--|----------------|----------|--------------------|------------|
| <b>HDPE female iron</b>  |                |          |                    |            |
|    | 40mm x 1/2"    | 40       | 916.40.05B         | £61.60     |
|  | 40mm x 3/4"    | 20       | 916.40.075B        | £61.60     |
|  | 40mm x 1"      | 20       | 916.40.1B          | £61.60     |
|  | 50mm x 1/2"    | 20       | 916.50.05B         | £90.65     |
|  | 50mm x 3/4"    | 20       | 916.50.075B        | £90.65     |
|  | 50mm x 1"      | 20       | 916.50.1B          | £90.65     |
|  | 50mm x 1 1/4"  | 30       | 916.50.125B        | £90.65     |
|  | 50mm x 1 1/2"  | 50       | 916.50.15B         | £90.65     |
|  | 56mm x 2"      | 50       | 916.56.2B          | £110.12    |
|  | 75mm x 2 1/2"  | 5        | 916.75.25B         | £104.25    |
| <b>HDPE male iron</b>  |                |          |                    |            |
|    | 50mm x 1 1/4"  | 10       | 917.50.125B        | £90.65     |
|  | 50mm x 1 1/2"  | 50       | 917.50.15B         | £90.65     |
|  | 56mm x 2"      | 100      | 917.56.2B          | £110.12    |
|  | 75mm x 2 1/2"  | 5        | 917.75.25B         | £107.98    |
| <b>HDPE threaded fitting with brass nipple</b>                                     |                |          |                    |            |
|    | 40mm/1/2" x 15 | 40       | 936.40.05NB        | £71.24     |
|  | 40mm/1/2" x 18 | 10       | 936.40.075NB       | £71.24     |
|  | 50mm/1/2" x 15 | 5        | 936.50.05NB        | £71.24     |
|  | 50mm/1/2" x 18 | 5        | 936.50.075NB       | £71.24     |
|  | 50mm/1" x 22   | 5        | 936.50.1NB         | £71.24     |
| <b>HDPE bend with nut - 1/2" brass *plastic</b>                                    |                |          |                    |            |
|    | 40mm/1 1/4"    | 20       | 918.40.125.90BN†   | £16.65     |
|  | 40mm/1 1/2"    | 20       | 918.40.15.90BN†    | £17.13     |
|  | 40mm/1 1/2"    | 20       | 918.40.15.90PN*    | £11.33     |
| <b>HDPE reducing bend with nut - 1/2" brass *plastic</b>                           |                |          |                    |            |
|  | 40/50mm/1 1/4" | 20       | 918.4050.125.90BN† | £11.99     |
|  | 40/50mm/1 1/2" | 25       | 918.4050.15.90BN†  | £12.34     |
|  | 40/50mm/1 1/4" | 20       | 918.4050.125.90PN* | £10.74     |
|  | 40/50mm/1 1/2" | 20       | 918.4050.15.90PN*  | £17.40     |
| <b>HDPE sleeve</b>   |                |          |                    |            |
|  | 40/46          | 50       | 917.4046B          | £4.22      |
|  | 50/46          | 50       | 917.5046B          | £4.32      |
|  | 50/58          | 50       | 917.5058B          | £4.88      |
|  | 56/46          | 50       | 917.5646B          | £4.88      |
|  | 56/58          | 50       | 917.5658B          | £4.88      |


## Utilities

|   | Size mm  | Pack Qty | Code          | Price Each |
|---|----------|----------|---------------|------------|
| <b>HDPE gasket</b>  |          |          |               |            |
|    | 46/24-32 | 150      | 917.4624.908B | £2.93      |
|   | 46/36-40 | 150      | 917.4636.908B | £2.02      |
|   | 58/36-40 | 100      | 917.5836.908B | £4.18      |
|   | 58/47-50 | 100      | 917.5847.908B | £12.71     |
| <b>HDPE spigot bend with cap</b>  |          |          |               |            |
|    | 40/46    | 40       | 917.4046.90B  | £4.88      |
|   | 50/46    | 40       | 917.5046.90B  | £4.88      |
|   | 50/58    | 20       | 917.5058.90B  | £5.69      |
|   | 56/46    | 20       | 917.5646.90B  | £5.69      |
|   | 56/58    | 20       | 917.5658.90B  | £5.69      |
| <b>HDPE protective cap for socket</b>   |          |          |               |            |
|    | 40       | 40       | 9130.40B      | £1.13      |
|   | 50       | 150      | 9130.50B      | £1.13      |
|   | 56       | 160      | 9130.56B      | £1.13      |
|   | 75       | 30       | 9130.75B      | £1.65      |
|   | 110      | 60       | 9130.110B     | £1.60      |
|   | 160      | 10       | 9130.160B     | £7.31      |
|   | 200      | 5        | 9130.200B     | £3.62      |
| <b>HDPE ring</b>  |          |          |               |            |
| Suitable for 912 HDPE threaded coupling.  |          |          |               |            |
|    | 50       | 10       | 9118.50B      | £2.27      |
|   | 56       | 10       | 9118.56B      | £3.40      |
|   | 75       | 10       | 9118.75B      | £3.09      |
|   | 110      | 10       | 9118.110B     | £3.74      |
| <b>HDPE ring seal</b>   |          |          |               |            |
| Suitable for 912 HDPE threaded coupling.  |          |          |               |            |
|  | 50       | 10       | 9119.50B      | £1.42      |
|   | 56       | 50       | 9119.56B      | £2.14      |
|   | 75       | 10       | 9119.75B      | £3.09      |
|   | 110      | 20       | 9119.110B     | £4.28      |
| <b>HDPE 1 lip seal for sockets</b>  |          |          |               |            |
| Suitable for 927 HDPE ring seal adaptors.   |          |          |               |            |
|  | 100      | 20       | 927.100.908B  | £1.69      |
|   | 110      | 20       | 927.110.908B  | £1.62      |
|   | 160      | 20       | 927.160.908B  | £2.60      |
|   | 200      | 20       | 927.200.908B  | £4.54      |
|   | 250      | 1        | 927.250.908B  | £9.08      |
|   | 315      | 1        | 927.315.908B  | £12.00     |


## Utilities


|  | Size mm | Pack Qty | Code                | Price Each    |
|--|---------|----------|---------------------|---------------|
| <b>HDPE O ring for sockets</b>   |         |          |                     |               |
|  | 40      | 20       | <b>9116.40B</b>     | <b>£0.86</b>  |
|  | 50      | 20       | <b>9116.50B</b>     | <b>£0.71</b>  |
|  | 75      | 20       | <b>9116.75B</b>     | <b>£1.08</b>  |
|  | 110     | 20       | <b>9116.110B</b>    | <b>£3.99</b>  |
|  | 160     | 20       | <b>9116.160B</b>    | <b>£4.54</b>  |
| <b>HDPE seal for expansion sockets</b>   |         |          |                     |               |
| Suitable for 911 HDPE expansion joint.   |         |          |                     |               |
|  | 40      | 20       | <b>911.40.908B</b>  | <b>£3.55</b>  |
|  | 50      | 20       | <b>911.50.908B</b>  | <b>£1.80</b>  |
|  | 56      | 20       | <b>911.56.908B</b>  | <b>£4.59</b>  |
|  | 75      | 20       | <b>911.75.908B</b>  | <b>£4.53</b>  |
|  | 110     | 50       | <b>911.110.908B</b> | <b>£6.49</b>  |
|  | 160     | 10       | <b>911.160.908B</b> | <b>£6.17</b>  |
|  | 200     | 10       | <b>911.200.908B</b> | <b>£15.56</b> |


## Anchors and brackets


|  | Size mm   | Pack/<br>Box | Code             | Price<br>Each |
|--|---|--------------|------------------|---------------|
| <b>Anchor / Guide Bracket</b>  |   |              |                  |               |
|  | Guide bracket performs as an anchor with removal of the plastic clips. For larger diameter we recommend M16 brackets. |              |                  |               |
|  | 40mm x M10  | 50           | <b>9140.40B</b>  | <b>£6.45</b>  |
|  | 50mm x M10  | 50           | <b>9140.50B</b>  | <b>£8.94</b>  |
|  | 56mm x M10  | 50           | <b>9140.56B</b>  | <b>£9.14</b>  |
|  | 75mm x M10  | 25           | <b>9140.75B</b>  | <b>£9.66</b>  |
|  | 110mm x M10   | 25           | <b>9140.110B</b> | <b>£11.17</b> |
|  | 160mm x M10   | 25           | <b>9140.160B</b> | <b>£13.27</b> |
|  | 200mm x M10   | 25           | <b>9140.200B</b> | <b>£48.29</b> |
|  | 250mm x M10   | 10           | <b>9140.250B</b> | <b>£48.86</b> |
|  | 315mm x M10   | 10           | <b>9140.315B</b> | <b>£56.96</b> |

### RECOMMENDED



|  |             |    |                  |               |
|--|-------------|----|------------------|---------------|
| <b>M16 bracket</b>   |             |    |                  |               |
|  | 200mm x M16 | 15 | <b>9149.200B</b> | <b>£73.63</b> |
|  | 250mm x M16 | 2  | <b>9149.250B</b> | <b>£73.63</b> |
|  | 315mm x M16 | 2  | <b>9149.315B</b> | <b>£75.45</b> |
| Use with 9148.19B for close coupled mounting                                     |             |    |                  |               |

|  |     |    |                  |               |
|--|-----|----|------------------|---------------|
| <b>Acoustic pipe bracket</b>   |     |    |                  |               |
|  | 40  | 50 | <b>9140.40R</b>  | <b>£10.01</b> |
|  | 50  | 50 | <b>9140.50R</b>  | <b>£10.69</b> |
|  | 75  | 50 | <b>9140.75R</b>  | <b>£14.88</b> |
|  | 110 | 15 | <b>9140.110R</b> | <b>£27.98</b> |
|  | 160 | 1  | <b>9140.160R</b> | <b>£37.49</b> |

|  |     |     |                 |               |
|--|-----|-----|-----------------|---------------|
| <b>Mounting plate.</b>   |     |     |                 |               |
|  | M10 | 100 | <b>9148.10B</b> | <b>£8.47</b>  |
|  | ¾"  | 50  | <b>9148.19B</b> | <b>£23.62</b> |
| *For close coupled connection to 9149 brackets                                   |     |     |                 |               |

|   |           |    |                    |              |
|---|-----------|----|--------------------|--------------|
| <b>Rubber flat seal</b>   |           |    |                    |              |
|  | 40mm x ¼" | 10 | <b>918.40.908B</b> | <b>£1.49</b> |
|   | 40mm x ½" | 10 | <b>918.40.918B</b> | <b>£1.01</b> |

## Anchors and brackets

|   | Size mm                   | Pack/<br>Box | Code            | Price<br>Each  |
|---|---------------------------|--------------|-----------------|----------------|
| <b>Threaded bar</b>   |                           |              |                 |                |
|  | M10 x 1 metre             | 1            | <b>9147B</b>    | <b>£4.88</b>   |
|   | M16 x 1 metre             | 1            | <b>9149B</b>    | <b>£14.89</b>  |
| <b>Anti vibration insert</b>  |                           |              |                 |                |
|  | For acoustic brackets     |              |                 |                |
|   | 30mm x 30<br>(58mm-314mm) | 1            | <b>9105.30B</b> | <b>£341.42</b> |

## Electrofusion Machines

| Description  | Pack<br>Quantity | Code                    | Price<br>Each    |
|--|------------------|-------------------------|------------------|
| <b>FUZE electrofusion welding machine 40-315mm</b>                                 |                  |                         |                  |
| 40 to 315mm  | 1                | <b>9000.40315.110V*</b> | <b>£3,356.21</b> |
| Note: A different discount structure applies to the electrofusion welding machine. |                  |                         |                  |
| <b>Replacement leads</b>   |                  |                         |                  |
| 40 - 160mm (Yellow) 1  |                  | <b>AW00-2003</b>        | <b>£213.09</b>   |
| 200 - 315mm (Blue) 1   |                  | <b>AW00-2004</b>        | <b>£239.74</b>   |

## Universal Electrofusion Machine Spares

| Description | Cables | Code             | Price<br>Each  |
|-------------|--------|------------------|----------------|
| 40 - 160mm  | Yellow | <b>HDC464334</b> | <b>£637.25</b> |
| 200 - 315mm | Blue   | <b>HDC464335</b> | <b>£637.25</b> |

## Accessories

| Description              | Pack<br>Quantity | Code                | Price<br>Each    |
|--------------------------|------------------|---------------------|------------------|
| <b>HDPE pipe scraper</b> |                  |                     |                  |
|                          | 10               | <b>9507T</b>        | <b>£90.65</b>    |
| <b>Pipe cutter</b>       |                  |                     |                  |
| 40 to 63mm               | 1                | <b>9500.663T</b>    | <b>£382.13</b>   |
| 50 to 140mm              | 1                | <b>9500.50140T</b>  | <b>£550.53</b>   |
| 100 to 160mm             | 1                | <b>9500.100160T</b> | <b>£615.28</b>   |
| 180 to 315mm             | 1                | <b>9500.180315T</b> | <b>£3,303.87</b> |
| <b>HDPE pencils</b>      |                  |                     |                  |
|                          | 1 (12Pcs.)       | <b>9508T</b>        | <b>£150.57</b>   |
| <b>HDPE knife</b>        |                  |                     |                  |
|                          | 1 (12Pcs.)       | <b>9504T</b>        | <b>£414.34</b>   |
| <b>Bevelling tool</b>    |                  |                     |                  |
| 40 to 250mm              | 1                | <b>9502.40250T</b>  | <b>£748.04</b>   |
| 32 to 160mm              | 1                | <b>9502.32160T</b>  | <b>£485.73</b>   |

\*For hiring details, please call local TSM.

| Index                |         |      | Index           |         |      | Index           |         |      | Index        |         |      |
|----------------------|---------|------|-----------------|---------|------|-----------------|---------|------|--------------|---------|------|
| Code                 | Price   | Page | Code            | Price   | Page | Code            | Price   | Page | Code         | Price   | Page |
| <b>FUZE Stax</b>     |         |      | 901.110.1358    | £12.22  | 61   | 910.1608        | £35.56  | 58   | 923.56408    | £6.61   | 64   |
| 9401.110110568       | £201.56 | 57   | 901.160.1358    | £51.70  | 61   | 910.2008        | £247.68 | 58   | 923.56508    | £6.30   | 64   |
| 9401.160110568       | £399.05 | 57   | 901.200.1358    | £142.59 | 61   | 910.2508        | £409.42 | 58   | 923.75408    | £7.64   | 64   |
| 9402.110110568       | £159.77 | 57   | 901.250.1358    | £231.95 | 61   | 910.3158        | £464.38 | 58   | 923.75508    | £7.64   | 64   |
| 9402.160110568       | £354.65 | 57   | 901.315.1358    | £321.67 | 61   | 910P.1108       | £98.57  | 58   | 923.75568    | £7.64   | 64   |
| 9403.110110568       | £195.09 | 57   | 901.110.1508    | £41.28  | 61   | 910P.1608       | £356.23 | 58   | 923.110408   | £11.18  | 64   |
| 9403.160110568       | £417.66 | 57   | 901.160.1508    | £63.05  | 61   | 910P.2008       | £453.37 | 58   | 923.110508   | £11.18  | 64   |
| 9404.110110568       | £183.48 | 57   | 901.200.1508    | £78.25  | 61   | 910P.2508       | £680.05 | 58   | 923.110568   | £11.18  | 64   |
| 9404.160110568       | £351.76 | 57   | 901.250.1508    | £128.13 | 61   | 910P.3158       | £939.11 | 58   | 923.110758   | £11.18  | 64   |
| 9405.110110568       | £226.23 | 57   | 901.315.1508    | £203.76 | 61   | 911.408         | £19.44  | 58   | 923.1601108  | £24.59  | 64   |
| 9405.160110568       | £416.54 | 57   | 901.110.1658    | £40.38  | 61   | 911.508         | £19.33  | 58   | 923.160110LB | £133.98 | 64   |
| 9406.110110568       | £217.25 | 57   | 901.160.1658    | £59.77  | 61   | 911.568         | £18.52  | 58   | 923.200110LB | £178.60 | 64   |
| 9406.160110568       | £365.39 | 57   | 901.200.1658    | £72.67  | 61   | 911.758         | £24.57  | 58   | 923.200160LB | £178.60 | 64   |
| 9407.1106638         | £105.13 | 57   | 901.250.1658    | £125.09 | 61   | 911.1108        | £26.32  | 58   | 923.250200LB | £290.29 | 64   |
| 9407.110668          | £105.13 | 57   | 901.315.1658    | £183.04 | 61   | 911.1608        | £71.79  | 58   | 923.315200LB | £401.89 | 64   |
| 9407.160568          | £221.34 | 57   | 901.110.928B    | £87.71  | 61   | 911.2008        | £331.39 | 58   | 923.315250LB | £401.89 | 64   |
| 9407.75568           | £74.38  | 57   | 904.40.908      | £8.76   | 61   | 911.2508        | £459.82 | 58   | 924.50408    | £4.91   | 64   |
| 9408.1106638         | £81.69  | 57   | 904.40.1358     | £10.74  | 61   | 911.3158        | £832.23 | 58   | 924.56508    | £5.35   | 64   |
| 9408.110668          | £81.69  | 57   | 904.50.908      | £11.12  | 61   | 911.40.9088     | £3.55   | 67   | 924.75408    | £6.30   | 64   |
| 9408.160668          | £156.82 | 57   | 904.50.1358     | £11.12  | 61   | 911.50.9088     | £1.80   | 67   | 924.75508    | £6.30   | 64   |
| 9408.75568           | £62.94  | 57   | 904.56.908      | £11.12  | 61   | 911.56.9088     | £4.59   | 67   | 924.75568    | £6.30   | 64   |
| 9409.1106638         | £160.73 | 57   | 904.56.928B     | £19.06  | 62   | 911.75.9088     | £4.53   | 67   | 924.110408   | £9.87   | 64   |
| 9409.110668          | £160.73 | 57   | 904.56.1358     | £10.53  | 61   | 911.110.9088    | £6.49   | 67   | 924.110508   | £9.87   | 64   |
| 9409.160668          | £415.22 | 57   | 904.75.908      | £13.69  | 61   | 911.160.9088    | £6.17   | 67   | 924.110568   | £9.87   | 64   |
| 9409.75568           | £80.10  | 57   | 904.75.1358     | £12.97  | 61   | 911.200.9088    | £15.56  | 67   | 924.110758   | £9.87   | 64   |
| 9410.1106638         | £139.09 | 57   | 904.110.908     | £20.07  | 61   | 911E.1108       | £190.09 | 59   | 924.1601108  | £17.53  | 64   |
| 9410.110668          | £139.09 | 57   | 904.110.928     | £24.25  | 62   | 911S.1108       | £183.20 | 59   | 924.200160B  | £111.53 | 64   |
| 9410.160668          | £246.77 | 57   | 904.110.1358    | £22.27  | 61   | 911S.1608       | £356.23 | 59   | 925.110408   | £55.68  | 65   |
| 9410.75568           | £68.65  | 57   | 904.160.908     | £11.68  | 61   | 911S.2008       | £485.73 | 59   | 925.110448   | £46.58  | 65   |
| 9411.1108            | £65.30  | 58   | 904.160.1358    | £102.74 | 61   | 911S.2508       | £680.05 | 59   | 925.1101008  | £45.38  | 59   |
| 9411.1608            | £122.76 | 58   | 904.200.908     | £221.50 | 61   | 911S.3158       | £939.11 | 59   | 927.408      | £7.45   | 59   |
| 9411.568             | £41.88  | 58   | 904.200.1358    | £331.39 | 61   | 912.408         | £11.40  | 63   | 927.508      | £8.87   | 59   |
| 9411.758             | £48.03  | 58   | 904.250.908     | £316.54 | 61   | 912.508         | £12.34  | 63   | 927.568      | £12.02  | 59   |
| 9412.1108            | £127.24 | 57   | 904.250.1358    | £358.56 | 61   | 912.568         | £12.34  | 63   | 927.758      | £14.11  | 59   |
| 9412.1608            | £293.28 | 57   | 904.315.908     | £446.65 | 61   | 912.758         | £34.57  | 63   | 927.1108     | £16.70  | 59   |
| 9412.568             | £71.83  | 57   | 904.315.1358    | £819.22 | 61   | 912.1108        | £44.23  | 63   | 927.16048    | £35.83  | 64   |
| 9412.758             | £84.96  | 57   | 904.5040.908    | £11.12  | 61   | 916.40.058      | £61.60  | 66   | 927.2008     | £294.13 | 59   |
| 9413.1101108         | £36.23  | 58   | 904.5040.1358   | £11.12  | 62   | 916.40.0758     | £61.60  | 66   | 927.2508     | £484.04 | 59   |
| 9413.1601108         | £110.53 | 58   | 904.5650.908    | £11.12  | 62   | 916.40.18       | £61.60  | 66   | 927.3158     | £558.56 | 59   |
| 9414.1101108         | £51.50  | 58   | 904.5650.1358   | £11.12  | 61   | 916.50.058      | £90.65  | 66   | 927.100.9088 | £1.69   | 66   |
| 9414.1601108         | £113.20 | 58   | 904.7540.908    | £10.53  | 62   | 916.50.0758     | £90.65  | 66   | 927.110.9088 | £1.62   | 66   |
| 9415.110668          | £34.33  | 58   | 904.7540.1358   | £13.69  | 61   | 916.50.18       | £90.65  | 66   | 927.160.9088 | £2.60   | 66   |
| 9415.110758          | £40.05  | 58   | 904.7556.908    | £12.97  | 62   | 916.50.1258     | £90.65  | 66   | 927.200.9088 | £4.54   | 66   |
| 9415.1601108         | £109.70 | 58   | 904.11040.908   | £22.27  | 62   | 916.50.158      | £90.65  | 66   | 927.250.9088 | £9.08   | 66   |
| 9416.1101108         | £42.99  | 58   | 904.11050.908   | £22.27  | 62   | 916.56.28       | £110.12 | 66   | 927.315.9088 | £12.00  | 66   |
| 9416.110668          | £34.33  | 58   | 904.11056.908   | £22.27  | 62   | 916.75.258      | £104.25 | 66   | 927.40368    | £14.56  | 59   |
| 9416.110758          | £42.34  | 58   | 904.11056.1358  | £12.97  | 62   | 916.75.1258     | £90.65  | 66   | 927.50368    | £14.62  | 59   |
| 9416.1601108         | £117.27 | 58   | 904.11075.908   | £22.27  | 61   | 917.50.158      | £90.65  | 66   | 927.50438    | £14.67  | 59   |
| <b>FUZE Pipes</b>    |         |      | 904.11075.1358  | £22.27  | 62   | 917.56.28       | £110.12 | 66   | 927.56438    | £14.71  | 59   |
| 900.40.308           | £19.65  | 58   | 904.1090.128    | £11.82  | 62   | 917.4048.908    | £4.88   | 66   | 927.56.908   | £21.34  | 59   |
| 900.40.508           | £32.91  | 58   | 904.16075.1358  | £11.82  | 62   | 917.4624.9088   | £2.93   | 66   | 928.110.908B | £152.21 | 65   |
| 900.50.308           | £23.48  | 58   | 904.160110.908  | £11.82  | 62   | 917.4636.9088   | £2.02   | 66   | 930.408      | £7.89   | 64   |
| 900.50.508           | £39.07  | 58   | 904.160110.1358 | £102.74 | 62   | 917.50468       | £4.32   | 66   | 930.40LB     | £7.45   | 64   |
| 900.56.308           | £26.96  | 58   | 904.20075.1358  | £206.60 | 62   | 917.5046.908    | £4.88   | 66   | 930.508      | £4.68   | 64   |
| 900.56.508           | £44.83  | 58   | 904.200110.908  | £221.50 | 61   | 917.50588       | £5.69   | 66   | 930.508B     | £4.68   | 64   |
| 900.75.308           | £37.21  | 58   | 904.200110.1358 | £221.50 | 62   | 917.5646.908    | £5.69   | 66   | 930.56LB     | £6.33   | 64   |
| 900.75.508           | £82.04  | 58   | 904.250110.908  | £316.54 | 62   | 917.5648.908    | £4.88   | 66   | 930.758      | £8.35   | 64   |
| 900.110.308          | £66.80  | 58   | 904.250110.1358 | £372.34 | 62   | 917.56588       | £4.88   | 66   | 930.75LB     | £14.07  | 64   |
| 900.110.508          | £111.29 | 58   | 904.250160.908  | £316.54 | 61   | 917.5658.908    | £5.69   | 66   | 930.1108     | £11.12  | 64   |
| 900.160.308          | £160.32 | 58   | 904.250160.1358 | £409.62 | 62   | 917.5688.9088   | £4.18   | 66   | 930.110LB    | £15.04  | 64   |
| 900.160.508          | £267.16 | 58   | 904.250200.908  | £316.54 | 62   | 917.5947.9088   | £12.71  | 66   | 930.1608     | £44.67  | 64   |
| 900.200.508          | £346.22 | 58   | 904.315120.1358 | £409.62 | 62   | 918.40.1258B    | £13.59  | 65   | 930.160LB    | £60.32  | 64   |
| 900.250.508          | £555.02 | 58   | 904.315110.908  | £651.67 | 62   | 918.40.158B     | £18.01  | 65   | 930.2008     | £63.28  | 64   |
| 900.315.508          | £865.50 | 58   | 904.315110.1358 | £651.67 | 62   | 918.40.125.908B | £16.65  | 66   | 930.2508     | £81.94  | 64   |
| <b>FUZE Fittings</b> |         |      | 904.315160.908  | £372.34 | 61   | 918.40.15.908B  | £17.13  | 66   | 930.3158     | £93.11  | 64   |
| 901.40.928           | £4.40   | 61   | 904.315160.1358 | £651.67 | 62   | 918.40.125E8    | £20.40  | 65   | 931.1108     | £316.41 | 65   |
| 901.50.928           | £5.93   | 61   | 904.315200.908  | £372.34 | 61   | 918.40.158E8B   | £28.36  | 65   | 931.110.2008 | £46.95  | 64   |
| 901.56.928           | £5.75   | 61   | 904.315200.1358 | £372.34 | 62   | 918.40.125E8P   | £18.44  | 65   | 931.4048B    | £93.94  | 64   |
| 901.75.928           | £10.76  | 61   | 904.315250.908  | £688.86 | 62   | 918.40.158P     | £25.65  | 65   | 931.40568    | £93.94  | 65   |
| 901.110.928          | £15.97  | 61   | 906.110.608     | £35.34  | 62   | 918.40.15.908P  | £11.33  | 66   | 931.50508    | £96.27  | 65   |
| 901.160.928          | £66.99  | 61   | 906.110.1358    | £55.74  | 62   | 918.40.125P     | £15.10  | 65   | 931.50568    | £123.61 | 65   |
| 901.200.908          | £245.35 | 61   | 906.110.1658    | £40.92  | 62   | 918.40.15P      | £11.37  | 65   | 932.40408    | £93.94  | 65   |
| 901.250.908          | £409.62 | 61   | 906.5040.608    | £13.69  | 62   | 918.40.9088     | £1.49   | 68   | 932.40508    | £93.94  | 65   |
| 901.315.908          | £595.82 | 61   | 906.11040.1358  | £31.94  | 62   | 918.40.9108     | £1.01   | 68   | 932.40568    | £93.94  | 65   |
| 902.56.908           | £6.99   | 61   | 906.11050.1358  | £36.42  | 62   | 918.40.125E8B   | £11.99  | 66   | 932.4068     | £93.94  | 65   |
| 902.110.908          | £22.68  | 61   | 906.11090.128   | £13.98  | 62   | 918.40.125.908B | £12.34  | 66   | 932.40758    | £93.94  | 65   |
| 901.110.1128         | £63.85  | 61   | 906.11090.928   | £83.78  | 62   | 918.40.15.908P  | £17.40  | 65   | 935.1108     | £25.39  | 63   |
| 901.160.1128         | £130.01 | 61   | 906.11093.928   | £111.82 | 62   | 918.40.125P     | £15.10  | 65   | 936.408      | £13.11  | 63   |
| 901.200.1128         | £149.11 | 61   | 901.408         | £9.61   | 58   | 918.40.15P      | £11.37  | 65   | 936.40.058B  | £71.24  | 66   |
| 901.250.1128         | £244.51 | 61   | 910.508         | £9.50   | 58   | 920.110.568     | £64.16  | 62   | 936.50.0758B | £71.24  | 66   |
| 901.315.1128         | £422.40 | 61   | 910.568         | £9.50   | 58   | 920.160.568     | £111.68 | 62   | 936.50.1NB   | £71.24  | 66   |
| 901.40.1358          | £4.40   | 61   | 910.758         | £14.37  | 58   | 921.110.568     | £47.41  | 62   | 936.508      | £19.46  | 63   |
| 901.50.1358          | £4.43   | 61   | 910.1108        | £14.17  | 58   | 923.50408       | £5.79   | 64   | 936.758      | £31.23  | 63   |
| 901.56.1358          | £5.19   | 61   |                 |         |      |                 |         |      | 936.1108     | £32.82  | 63   |
| 901.75.1358          | £8.54   | 61   |                 |         |      |                 |         |      | 936.1608     | £107.73 | 63   |
|                      |         |      |                 |         |      |                 |         |      | 936.110.568  | £43.87  | 63   |
|                      |         |      |                 |         |      |                 |         |      | 936.56.908   | £44.64  | 63   |

| Index            |           |      |
|------------------|-----------|------|
| Code             | Price     | Page |
| 938.75.90B       | £48.37    | 63   |
| 938.110.90B      | £63.95    | 63   |
| 938.110.135B     | £64.33    | 63   |
| 938.160.90B      | £150.69   | 63   |
| 938.160.135B     | £157.54   | 63   |
| 938.200.90B      | £260.63   | 63   |
| 938.250.90B      | £335.14   | 63   |
| 938.315.90B      | £404.78   | 63   |
| 945.4040B        | £156.57   | 65   |
| 945.4050B        | £93.94    | 65   |
| 945.5050B        | £145.73   | 65   |
| 949.1100B        | £223.21   | 65   |
| 949.110LB        | £87.49    | 65   |
| 949.11090LB      | £87.49    | 65   |
| 949.11090RB      | £87.49    | 65   |
| 950.75B          | £15.75    | 64   |
| 950.110B         | £18.48    | 64   |
| 950.160B         | £26.19    | 64   |
| 980.50B          | £33.45    | 64   |
| 980.56B          | £33.45    | 64   |
| 980.75B          | £46.37    | 64   |
| 980.110B         | £51.24    | 64   |
| 980.160B         | £87.53    | 64   |
| 980.200B         | £167.60   | 64   |
| 980.250B         | £290.43   | 64   |
| 980.315B         | £495.22   | 64   |
| 981.50B          | £48.29    | 64   |
| 981.56B          | £51.95    | 64   |
| 981.75B          | £63.15    | 64   |
| 981.110B         | £74.30    | 64   |
| 981.160B         | £130.19   | 64   |
| 981.200B         | £186.05   | 64   |
| 981.250B         | £271.67   | 64   |
| 981.315B         | £372.25   | 64   |
| 982.50B          | £5.55     | 64   |
| 982.56B          | £7.44     | 64   |
| 982.75B          | £11.30    | 64   |
| 982.110B         | £14.88    | 64   |
| 982.160B         | £17.73    | 64   |
| 982.200B         | £21.40    | 64   |
| 982.250B         | £37.20    | 64   |
| 982.315B         | £48.37    | 64   |
| 983.50B          | £109.81   | 64   |
| 983.56B          | £80.40    | 64   |
| 983.75B          | £84.84    | 64   |
| 983.110B         | £133.98   | 64   |
| 983.160B         | £223.21   | 64   |
| 983.200B         | £290.43   | 64   |
| 983.250B         | £402.13   | 64   |
| 983.315B         | £744.78   | 64   |
| 984.1650B        | £18.67    | 64   |
| 984.1663B        | £20.90    | 64   |
| 984.16110B       | £48.41    | 64   |
| 984.20160B       | £70.81    | 64   |
| 984.20250B       | £130.33   | 64   |
| 990.4B           | £54.03    | 59   |
| 990.110B         | £61.31    | 59   |
| 999.110.90B      | £76.05    | 65   |
| 999.90100.00B    | £64.77    | 65   |
| 9000.40315.110V* | £3,356.21 | 68   |
| 9105.30B         | £341.42   | 68   |
| 9110.110B        | £44.97    | 59   |
| 9110.160B        | £56.12    | 59   |
| 9110.110C        | £54.62    | 59   |
| 9110.160C        | £102.06   | 59   |
| 9116.40B         | £0.86     | 67   |
| 9116.50B         | £0.71     | 67   |
| 9116.75B         | £1.08     | 67   |
| 9116.110B        | £3.99     | 67   |
| 9116.160B        | £4.54     | 67   |
| 9118.50B         | £2.27     | 66   |
| 9118.56B         | £3.40     | 66   |
| 9118.75B         | £3.09     | 66   |
| 9118.110B        | £3.74     | 66   |
| 9119.50B         | £1.42     | 66   |
| 9119.56B         | £2.14     | 66   |
| 9119.75B         | £3.09     | 66   |
| 9119.110B        | £4.28     | 66   |
| 9120.50B         | £7.76     | 63   |
| 9120.56B         | £8.76     | 63   |
| 9120.75B         | £13.95    | 63   |
| 9120.110B        | £21.38    | 63   |
| 9122.50B         | £6.45     | 63   |
| 9122.56B         | £6.30     | 63   |
| 9122.75B         | £10.74    | 63   |
| 9122.110B        | £17.19    | 63   |
| 9130.40B         | £1.13     | 66   |
| 9130.50B         | £1.13     | 66   |
| 9130.56B         | £1.13     | 66   |
| 9130.75B         | £1.65     | 66   |
| 9130.110B        | £1.60     | 66   |
| 9130.160B        | £7.31     | 66   |

| Index        |           |      |
|--------------|-----------|------|
| Code         | Price     | Page |
| 9130.200B    | £3.62     | 66   |
| 9140.40B     | £6.45     | 68   |
| 9140.40R     | £10.01    | 68   |
| 9140.50B     | £8.94     | 68   |
| 9140.50R     | £10.69    | 68   |
| 9140.56B     | £9.14     | 68   |
| 9140.75B     | £9.66     | 68   |
| 9140.75R     | £14.88    | 68   |
| 9140.110B    | £11.17    | 68   |
| 9140.110R    | £27.98    | 68   |
| 9140.160B    | £13.27    | 68   |
| 9140.160R    | £37.49    | 68   |
| 9140.200B    | £48.29    | 68   |
| 9140.250B    | £48.86    | 68   |
| 9140.315B    | £56.96    | 68   |
| 9147B        | £4.88     | 68   |
| 9148.10B     | £8.47     | 68   |
| 9148.19B     | £23.62    | 68   |
| 9149B        | £14.89    | 68   |
| 9149.200B    | £73.63    | 68   |
| 9149.250B    | £73.63    | 68   |
| 9149.315B    | £75.45    | 68   |
| 9500.663T    | £382.13   | 68   |
| 9500.50140T  | £550.53   | 68   |
| 9500.100160T | £615.28   | 68   |
| 9500.180315T | £3,303.87 | 68   |
| 9502.40250T  | £748.04   | 68   |
| 9502.32160T  | £485.73   | 68   |
| 9504T        | £414.34   | 68   |
| 9507T        | £90.65    | 68   |
| 9508T        | £150.57   | 68   |
| 9631.110.0B  | £97.17    | 65   |
| 9936.56B     | £12.89    | 63   |
| 9936.110B    | £32.82    | 63   |
| 9938.110B    | £14.61    | 63   |
| AW00-2003    | £213.09   | 68   |
| AW00-2004    | £239.74   | 68   |
| HDC464334    | £637.25   | 68   |
| HDC464335    | £637.25   | 68   |

# Rebels wanted



Take a stand against convention and join the Advantage Rebellion, where things get a bit radical. Our complete drainage and water supply systems are designed and pre-fabricated off-site, reducing system install costs by as much as 30%, installation time by up to 60% and on-site fabrication waste by as much as 100%. Fully customised solutions that are quality assured, pre-tested and delivered to site ready for immediate installation. **Joining the Advantage Rebellion could be the most sensible thing you ever do.**

To find out more, scan QR code or visit [www.polypipebuildingservices.com](http://www.polypipebuildingservices.com)

# Off-site prefabrication delivers off-the-scale results.



**Sky Gardens is one of a number of exciting buildings which are re-shaping Leeds and creating new high-value neighbourhoods. The project is transforming a 0.93-acre brownfield site, including a Grade II-listed former mill, into a vibrant residential development. The 34-storey tower provides 284 1, 2 and 3-bedroom apartments with a lounge and gymnasium at level 30 offering panoramic views across Leeds.**

## Integration and prefabrication deliver massive time and cost savings.

Working closely with Briggs & Forrester, Polypipe Building Services has designed and fabricated systems which not only enhance the building's performance but also streamlined project implementation and created commercial value for both the contractor and developer.

The drainage system is prefabricated from Terrain FUZE and incorporates Polypipe's PAPA and Pleura AAV valves to balance pressures without the need for a secondary ventilation stack.

Sky Gardens uses both of Polypipe's water supply ranges. MecFlow Fusion provides the risers and manifolds for the boosted cold system, while MecFlow Press was used for the runouts and branches to the apartments.

The water supply system also uses prefabricated plant room modules - made from MecFlow Fusion.

The prefabricated approach used at Sky Gardens delivered some dramatic results.

The bespoke Terrain FUZE drainage system enabled risers that would normally take 73 hours to install - to be installed in just nine!

The modular plantroom also provided a dramatic demonstration of the benefits of prefabrication. A conventional plantroom would need 215 on-site operations. The prefabricated module used at Sky Gardens consists of 13 sections and was assembled with 10 electrofusion couplings - a 93.5% reduction in on-site processes.

Prefabrication suited the urban site as system units could be called-up on a floor-by-floor basis and craned direct from delivery vehicles to the installation point.

Gavin Robinson, National Business Development Manager at PBS for Added Value Solutions, sums up what Polypipe and Briggs & Forrester are achieving at Sky Gardens.

"Sky Gardens was a great chance to show how prefabrication and innovation can add value.

"When you use an approach that routinely reduces drainage riser install time by over 80% and creates a plant room set up that only requires 10 electrofusion couplings, you know you're making a significant difference to a project."

### Chris Johnson, Mechanical engineer at Briggs & Forrester Living, comments:

"It's a very different way of doing things. Prefabricated sections lifted straight from the lorry to where they'll be installed, plant rooms assembled with just a few connectors. No waste, no onsite storage, no hot works. It has to be the way forward and it's all made possible by close cooperation between us and the manufacturer at a very early stage."



## CASE STUDY

### Project

Sky Gardens, Leeds – drainage and water supply systems

### Client

Briggs & Forrester Living

### Application

Drainage – soil and waste, water supply – boosted cold, heating, hot and cold plumbing.

### Products

Terrain FUZE, Terrain PAPA, MecFlow Fusion and MecFlow Press



# Terrain P.A.P.A. & Pleura

## Terrain P.A.P.A.\*

The Terrain P.A.P.A. is a positive air pressure attenuator, designed to mitigate the affects of positive air fluctuations in the drainage pipework system. As water descends down the drainage stack it creates a negative pressure; if that flow is interrupted or is approaching a change of direction, the negative pressure changes to a positive pressure and moves up the pipe. This low amplitude air wave travels typically at 320m/s, the speed of sound. As the positive air fluctuation approaches the branch-off point for the Terrain P.A.P.A., the bladder within the unit reacts very quickly, within 0.2 seconds, and starts to expand; this creates a pressure differential at the branch-off point. The branch to the Terrain P.A.P.A. then becomes the path of least resistance and the majority of the positive air pressure is absorbed within the unit.

As the transient air pressure within the pipework starts to equalise, the bladder slowly releases the small volume of air into the pipework system to only 12m/s which will have no effect on the trap seals.

- Replaces extensive ventilation pipework, saving costs in material and installation.
- Allows more flexibility in the layout and design of internal drainage systems for engineers, architects and design professionals.
- Offers a point-of-need solution that quickly responds to transient air fluctuations.

## Terrain Pleura 50\*

The Terrain Pleura 50 Air Admittance Valve provides ventilation to branch pipework. It is generally installed on the pipe behind the appliance trap water seal.

The Terrain Pleura 50 opens and admits fresh air into the branch pipe when the negative (suction) pressure occurs from an appliance discharging into the pipework system.

This equalises the ambient air pressure within the pipework and protects the trap water seal.




When the flow stops and the internal ambient air pressure in the pipework balances, the Terrain Pleura 50 closes by gravity and prevents foul air entering the built environment.

## Terrain Pleura 100\*

The Terrain Pleura 100 Air Admittance Valve can be fitted on to the top of a foul or waste stack, or at the end of long low gradient branch drains, to provide ventilation.

The Terrain Pleura 100 opens and admits fresh air under condition of reduced pressure in the discharge pipes and prevents trapped water seals being drawn. As the internal ambient air pressure in the pipework balances, the Terrain Pleura 100 closes by gravity and prevents foul air entering the built environment.

\*Valves to be installed only on Polypipe pipework.

| Terrain P.A.P.A.® and Pleura Vent System   |          |          |          |            |
|--|----------|----------|----------|------------|
|  | Size mm  | Pack/Box | Code     | Price Each |
| <b>Terrain P.A.P.A. Valve</b>  |          |          |          |            |
|  | 75-110 ♡ | 1        | 9300.4   | £1,037.81  |
| <b>Terrain Pleura 100 Valve</b>  |          |          |          |            |
|  | 75-110 ♡ | 1        | 9301.34  | £211.78    |
| <b>Terrain Pleura 50 Valve</b>   |          |          |          |            |
|  | 32-63 ♡  | 1        | 9301.253 | £92.16     |

\* ® P.A.P.A. is a registered trademark owned by Akatherm BV, part of the Allaxis Group

# New drainage system and stack replacement to residential flats in Birmingham.



JBS Mechanical provide a range of plumbing, heating, mechanical and renewable energy services to residential and commercial clients across the UK having set up business in 2012. Based in Gloucestershire, they undertake projects of all sizes, and were approached by one of their key clients to come in and undertake a commercial project in Birmingham city centre.

## New drainage system and stack replacement to residential flats in Birmingham.

*The project, based in Queensgate, is one of several live projects JBS Mechanical is doing for this client who specialises in converting former office buildings into residential apartments.*

This project involves the creation of 66 flats over seven floors with the ground floor being used as retail/office space.

Because all the floors can be different due to their former use and their new design, the installation team at JBS Mechanical decided to specify Polypipe Building Services Terrain Q products rather than traditional cast to speed up installation time and ensure any design changes could easily be made as the project progressed.

In total 36 Terrain Q stacks were used across this build. The use of the multi-layer noise-reducing Terrain Q drainage system product is an ideal choice in high-rise apartments.

It contains mineral-reinforced plastic with an anti-fouling additive which keeps the bore clear of deposits and helps to reduce noise levels within the system.

As a complete system it also includes pipe brackets and connectors with rubber bases to further absorb and disperse noise vibrations minimising the passage of structure-borne sound.

### Simon Rowe, Head of Major Works at JBS Mechanical said:

“ We have carried out several projects for this customer where office blocks are being converted into residential flats - from 60 flats to 280, depending on the building size.

“ In this building there are differing layouts to deal with, as there is retail on the ground floor then floors one to six there are 10 flats, then there are six flats on the seventh floor and there are plans to put an eighth floor on top.

“ We’ve used Terrain products before from Polypipe Building Services and we know they’re good products, so while we have done jobs in cast because this project wasn’t a new build it’s far easier to deal with any issues with difference in slab heights and thicknesses.”

## CASE STUDY

### Project

Office conversion to residential flats, Birmingham.

### Client

JBS Mechanical.

### Application

New drainage system and stack replacement.

### Products

Terrain Q.





## **Terrain Q. Turning flush sounds into hush sounds.**

Designed to meet your specific project needs, Terrain Q is a simple, reliable alternative to other traditional acoustic drainage systems. Its multi-layered construction provides UV, impact and fire resistance, with a fire classification of B-s1, d0\*.

### **Terrain Q Benefits**

- Low Noise Transmission
- Fire Classification B-s1, d0\*
- Chemical Resistance
- Anti- Fouling
- Increased Mechanical Strength
- Push-Fit Jointing
- UV Protection
- Abrasion Resistance
- Easy Handling

### **Terrain Q Applications**

- High Rise Developments
- Hospitals
- Hotels
- Schools
- Other Commercial Applications

With excellent noise reducing properties and high fire retardancy, coupled with its ease of installation thanks to the Push-fit jointing method, its compatibility with other systems and fittings, Terrain Q is an ideal choice for all your acoustic drainage and noise reducing project requirements.

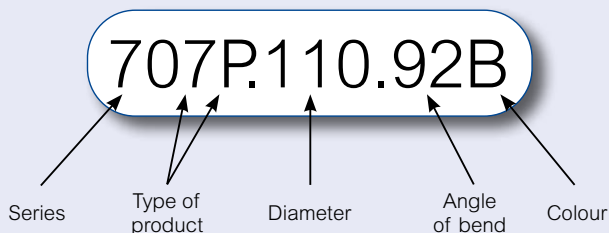
Terrain Q has a wide range of pipe and unique fittings, from 40mm to 200mm diameter, making it an ideal solution for the installation of a complete drainage system.

## **Advanced Technology and Performance**

Terrain Q stands out for its high resistance to fire, rated B-s1,d0\* according to the European standard EN 13501 and for its excellent sound absorbing properties, according to the data provided by the Fraunhofer Institute for Building Physics IBP.

\*Fire classification rating B-s1,d0 according to EN 13501, Terrain Q to be installed in accordance with building regulations.

## A Guide to the Terrain Q Drainage Product Coding System



### Above Ground Drainage

#### Series

700P = PP TERRAIN Q

#### Diameter

40 = 40mm O/D waste

50 = 50mm O/D waste

56 = 56mm O/D waste

75 = 75mm O/D waste

110 = 110mm O/D soil

160 = 160mm O/D soil

200 = 200mm O/D soil

#### Type of Product

700P = Pipe

701P = Bend (Double Socket)

704P = Branch

706P = Double Branch


711P = Couplings


738P = Access Fittings

#### Colour

B – Blue – RAL 5001

Products marked in the product listings are:

 - Available in .DWG file format.


 - Available in .RFA and .ADSK file format.

These files are ready to incorporate into design drawings. If you would like the files in the relevant format, simply contact the Advantage Team on 01622 795200 or email [commercialenquiries@polypipe.com](mailto:commercialenquiries@polypipe.com).









BSI kitemark certified








## Pipes

|  | Size mm  | Pack Qty | Code         | Price Each |
|--|----------|----------|--------------|------------|
| <b>Single socket pipe</b>  |          |          |              |            |
|  | 40 (3m)  | 30       | 700P.40.30B  | £38.74     |
|  | 50 (3m)  | 30       | 700P.50.30B  | £35.37     |
|  | 75 (3m)  | 30       | 700P.75.30B  | £57.82     |
|  | 110 (3m) | 15       | 700P.110.30B | £100.26    |
|  | 160 (3m) | 10       | 700P.160.30B | £211.61    |
|  | 200 (3m) | 10       | 700P.200.30B | £405.43    |








## Fittings

|   | Size mm | Pack Qty | Code          | Price Each |
|---|---------|----------|---------------|------------|
| <b>Bend 15°</b>   |         |          |               |            |
|    | 110     | 12       | 707P.110.165B | £38.49     |
| <b>Bend 30°</b>   |         |          |               |            |
|    | 110     | 30       | 707P.110.150B | £40.40     |
| <b>Bend 45°</b>   |         |          |               |            |
|   | 40      | 50       | 707P.40.135B  | £7.77      |
|   | 50      | 70       | 707P.50.135B  | £10.08     |
|   | 75      | 16       | 707P.75.135B  | £17.52     |
|   | 110     | 16       | 707P.110.135B | £42.89     |
|   | 160     | 6        | 707P.160.135B | £89.05     |
|   | 200     | 2        | 707P.200.135B | £390.75    |
| <b>Bend 87°</b>   |         |          |               |            |
|  | 40      | 110      | 707P.40.92B   | £7.77      |
|   | 50      | 70       | 707P.50.92B   | £10.08     |
|   | 75      | 20       | 707P.75.92B   | £17.52     |
|   | 110     | 20       | 707P.110.92B  | £45.06     |
|   | 160     | 3        | 707P.160.92B  | £94.94     |
|   | 200     | 1        | 707P.200.92B  | £455.92    |
| <b>Double Socket Bend 45°</b>   |         |          |               |            |
|  | 110     | 16       | 701P.110.135B | £56.18     |
| <b>Double Socket Bend 87°</b>   |         |          |               |            |
|  | 110     | 20       | 701P.110.92B  | £58.07     |







## Fittings


|   | Size mm | Pack Qty | Code             | Price Each |
|---|---------|----------|------------------|------------|
| <b>Branch 45°</b>   |         |          |                  |            |
|    | 40      | 25       | 704P.40.135B     | £17.81     |
|   | 50      | 30       | 704P.50.135B     | £21.64     |
|   | 75      | 15       | 704P.75.135B     | £62.46     |
|   | 110     | 10       | 704P.110.135B    | £73.23     |
|   | 160     | 3        | 704P.160.135B    | £197.95    |
|   | 200     | 1        | 704P.200.135B    | £675.45    |
| <b>Branch 87°</b>   |         |          |                  |            |
|    | 40      | 30       | 704P.40.92B      | £17.05     |
|   | 50      | 40       | 704P.50.92B      | £20.06     |
|   | 75      | 15       | 704P.75.92B      | £62.46     |
|   | 110     | 12       | 704P.110.92B     | £132.04    |
|   | 160     | 3        | 704P.160.92B     | £316.48    |
|   | 200     | 1        | 704P.200.92B     | £718.86    |
| <b>Reducing branch 45°</b>  |         |          |                  |            |
|    | 50/40   | 20       | 704P.5040.135B   | £21.64     |
|   | 75/50   | 20       | 704P.7550.135B   | £62.46     |
|   | 110/50  | 20       | 704P.11050.135B  | £48.35     |
|   | 110/75  | 10       | 704P.11075.135B  | £73.23     |
|   | 160/110 | 3        | 704P.160110.135B | £143.42    |
|   | 200/160 | 1        | 704P.200160.135B | £487.26    |
| <b>Reducing branch 87°</b>  |         |          |                  |            |
|    | 110/50  | 20       | 704P.11050.92B   | £48.35     |
|   | 110/75  | 10       | 704P.11075.92B   | £132.04    |
|   | 160/110 | 3        | 704P.160110.92B  | £253.20    |
| <b>Fully socketed branch 45°</b>  |         |          |                  |            |
|  | 110     | 10       | 704E.110.135B    | £83.75     |
| <b>Double branch 45°</b>  |         |          |                  |            |
|  | 110     | 2        | 706P.110.135B    | £143.31    |
| <b>Double branch 87°</b>  |         |          |                  |            |
|  | 110     | 2        | 706P.110.90B     | £275.78    |

## Fittings

|  | Size mm | Pack Qty | Code         | Price Each |
|--|---------|----------|--------------|------------|
| <b>Eccentric reducer</b>   |         |          |              |            |
|    | 50/40   | 50       | 723P.5040B   | £9.66      |
|  | 75/50   | 20       | 723P.7550B   | £34.41     |
|  | 110/50  | 24       | 723P.11050B  | £45.54     |
|  | 110/75  | 20       | 723P.11075B  | £49.18     |
|  | 160/110 | 24       | 723P.160110B | £52.84     |
|  | 200/160 | 5        | 723P.200160B | £453.55    |
| <b>Short Eccentric Reducer</b>   |         |          |              |            |
|    | 75/50   | 30       | 724P.7550B   | £14.41     |
|  | 110/50  | 30       | 724P.11050B  | £14.82     |
|  | 110/75  | 30       | 724P.11075B  | £20.94     |
| <b>Double depth socket</b>   |         |          |              |            |
|    | 50      | 30       | 711P.50B     | £17.19     |
|  | 110     | 12       | 711P.110B    | £20.62     |
| <b>Slip coupler</b>  |         |          |              |            |
| No central stop  |         |          |              |            |
|    | 40      | 50       | 711P.S.40B   | £11.27     |
|  | 50      | 50       | 711P.S.50B   | £12.78     |
|  | 75      | 30       | 711P.S.75B   | £18.85     |
|  | 110     | 20       | 711P.S.110B  | £27.20     |
|  | 160     | 2        | 711P.S.160B  | £76.57     |
|  | 200     | 5        | 711P.S.200B  | £308.44    |
| <b>Double socket</b>   |         |          |              |            |
| With central stop.   |         |          |              |            |
|   | 40      | 50       | 710P.40B     | £11.28     |
|  | 50      | 50       | 710P.50B     | £12.02     |
|  | 75      | 50       | 710P.75B     | £18.85     |
|  | 110     | 48       | 710P.110B    | £39.60     |
|  | 160     | 10       | 710P.160B    | £73.55     |
|  | 200     | 2        | 710P.200B    | £546.62    |
| <b>Access with cap</b>   |         |          |              |            |
|  | 50      | 16       | 738P.50.90B  | £28.27     |
|  | 75      | 10       | 738P.75.90B  | £48.80     |
|  | 110     | 13       | 738P.110.90B | £90.71     |
|  | 160     | 6        | 738P.160.90B | £206.49    |
|  | 200     | 2        | 738P.200.90B | £762.02    |
| <b>Socket plug</b>   |         |          |              |            |
|  | 40      | 25       | 730P.40B     | £7.77      |
|  | 50      | 25       | 730P.50B     | £11.70     |
|  | 75      | 50       | 730P.75B     | £34.27     |
|  | 110     | 40       | 730P.110B    | £26.25     |
|  | 160     | 40       | 730P.160B    | £92.96     |
|  | 200     | 20       | 730P.200B    | £387.16    |

## PVC Fittings

|   | Size mm                                 | Pack Qty | Code         | Price Each |
|---|---|----------|--------------|------------|
| Double equal branch   |   |          |              |            |
|    | 110                                     | 2        | 706P.104.92B | £245.04    |
|   | Can be solvent welded.                  |          |              |            |
| For use with Terrain 117 boss adaptors on page 36.                                  |   |          |              |            |
| Single branch   |   |          |              |            |
|    | 110                                     | 8        | 704P.104.92B | £132.04    |
|   | Can be solvent welded.                  |          |              |            |
| For use with Terrain 117 boss adaptors on page 36.                                  |   |          |              |            |
| Four way boss   |   |          |              |            |
|    | 110                                     | 15       | 720P.412.2B  | £53.85     |
|   | Can be solvent welded.                  |          |              |            |
| For use with Terrain 117 boss adaptors on page 36.                                  |   |          |              |            |
| Corner boss branch  |   |          |              |            |
|    | 110                                     | 6        | 706P.490.12B | £483.25    |
|   | Can be solvent welded.                  |          |              |            |
| Universal soil manifold   |   |          |              |            |
|   | 110                                     | 5        | 719P.412.15B | £127.22    |
|   | Can be solvent welded.                  |          |              |            |
| Adaptors  |   |          |              |            |
|  | Converts PushFit Q Range to Solvent PVC |          |              |            |
|   | 40mm to 1.5 Inch                        | 50       | 6789/DVW     | £11.04     |
|   | 50mm to 2 Inch                          | 75       | 6790/DVW     | £10.93     |
|   | Can be solvent welded.                  |          |              |            |

| Brackets  |         |          |           |            |
|---|---------|----------|-----------|------------|
|   | Size mm | Pack Qty | Code      | Price Each |
| Acoustic brackets   |         |          |           |            |
|  | 40      | M10 50   | 9140.40R  | £10.01     |
|   | 50      | M10 50   | 9140.50R  | £10.69     |
|   | 75      | M10 50   | 9140.75R  | £14.88     |
|   | 110     | M10 15   | 9140.110R | £27.98     |
|   | 160     | M10 1    | 9140.160R | £37.49     |
| Please see page 65 for threaded rod and backing plate.                              |         |          |           |            |

| Index                     |          |         |      |
|---------------------------|----------|---------|------|
| Code                      | Pack Qty | Price   | Page |
| <b>Terrain Q Pipes</b>    |          |         |      |
| 700P.40.308               | 30       | £38.74  | 77   |
| 700P.50.308               | 30       | £35.37  | 77   |
| 700P.75.308               | 30       | £57.82  | 77   |
| 700P.110.308              | 15       | £100.26 | 77   |
| 700P.160.308              | 10       | £211.61 | 77   |
| 700P.200.308              | 10       | £405.43 | 77   |
| <b>Terrain Q Fittings</b> |          |         |      |
| 701P.110.928              | 20       | £58.07  | 77   |
| 701P.110.1358             | 16       | £58.18  | 77   |
| 704E.110.1358             | 10       | £83.75  | 77   |
| 704P.40.1358              | 25       | £17.81  | 77   |
| 704P.40.928               | 30       | £17.05  | 77   |
| 704P.50.1358              | 30       | £21.64  | 77   |
| 704P.50.928               | 40       | £20.06  | 77   |
| 704P.75.928               | 15       | £62.46  | 77   |
| 704P.75.1358              | 15       | £62.46  | 77   |
| 704P.104.928              | 8        | £132.04 | 78   |
| 704P.110.1358             | 10       | £73.23  | 77   |
| 704P.110.928              | 15       | £132.04 | 77   |
| 704P.160.1358             | 3        | £197.95 | 77   |
| 704P.160.928              | 3        | £316.48 | 77   |
| 704P.200.1358             | 1        | £675.45 | 77   |
| 704P.200.928              | 1        | £718.86 | 77   |
| 704P.5040.1358            | 20       | £21.64  | 77   |
| 704P.7550.1358            | 20       | £62.46  | 77   |
| 704P.11050.1358           | 20       | £48.35  | 77   |
| 704P.11050.928            | 20       | £48.35  | 77   |
| 704P.11075.1358           | 10       | £73.23  | 77   |
| 704P.11075.928            | 20       | £132.04 | 77   |
| 704P.160110.928           | 3        | £253.20 | 77   |
| 704P.160110.1358          | 3        | £143.42 | 77   |
| 704P.200160.1358          | 1        | £487.26 | 77   |
| 706P.104.928              | 2        | £245.04 | 77   |
| 706P.110.1358             | 2        | £143.31 | 77   |
| 706P.110.908              | 2        | £275.78 | 77   |
| 706P.490.128              | 6        | £483.25 | 78   |
| 707P.40.928               | 110      | £7.77   | 77   |
| 707P.40.1358              | 50       | £7.77   | 77   |
| 707P.50.928               | 70       | £10.08  | 77   |
| 707P.50.1358              | 70       | £10.08  | 77   |
| 707P.75.928               | 20       | £17.52  | 77   |
| 707P.75.1358              | 16       | £17.52  | 77   |
| 707P.110.928              | 20       | £45.06  | 77   |
| 707P.110.1358             | 16       | £42.89  | 77   |
| 707P.110.1508             | 12       | £40.40  | 77   |
| 707P.110.1658             | 12       | £38.49  | 77   |
| 707P.160.1358             | 6        | £89.05  | 77   |
| 707P.160.928              | 3        | £94.94  | 77   |
| 707P.200.928              | 1        | £455.92 | 77   |
| 707P.200.1358             | 2        | £390.75 | 77   |
| 710P.408                  | 50       | £11.28  | 78   |
| 710P.508                  | 50       | £12.02  | 78   |
| 710P.758                  | 50       | £18.85  | 78   |
| 710P.1108                 | 48       | £39.60  | 78   |
| 710P.1608                 | 10       | £73.55  | 78   |
| 710P.2008                 | 2        | £546.62 | 78   |
| 711P.508                  | 30       | £17.19  | 78   |
| 711P.1108                 | 12       | £20.62  | 78   |
| 711P.S.408                | 50       | £11.27  | 78   |
| 711P.S.508                | 50       | £12.78  | 78   |
| 711P.S.758                | 30       | £18.85  | 78   |
| 711P.S.1108               | 20       | £27.20  | 78   |
| 711P.S.1608               | 2        | £76.57  | 78   |
| 711P.S.2008               | 5        | £308.44 | 78   |
| 720P.412.28               | 15       | £53.85  | 78   |

| Index        |          |         |      |
|--------------|----------|---------|------|
| Code         | Pack Qty | Price   | Page |
| 719P.412.158 | 5        | £127.22 | 78   |
| 723P.50408   | 50       | £9.66   | 78   |
| 723P.75508   | 20       | £34.41  | 78   |
| 723P.110508  | 24       | £45.54  | 78   |
| 723P.110758  | 20       | £49.18  | 78   |
| 723P.1601108 | 24       | £52.84  | 78   |
| 723P.2001608 | 5        | £453.55 | 78   |
| 724P.75508   | 30       | £14.41  | 78   |
| 724P.110508  | 30       | £14.82  | 78   |
| 724P.110758  | 30       | £20.94  | 78   |
| 730P.408     | 25       | £7.77   | 78   |
| 730P.508     | 25       | £11.70  | 78   |
| 730P.758     | 50       | £34.27  | 78   |
| 730P.1108    | 40       | £26.25  | 78   |
| 730P.1608    | 40       | £92.96  | 78   |
| 730P.2008    | 20       | £387.16 | 78   |
| 738P.50.908  | 16       | £28.27  | 78   |
| 738P.75.908  | 10       | £48.80  | 78   |
| 738P.110.908 | 13       | £90.71  | 78   |
| 738P.160.908 | 6        | £206.49 | 78   |
| 738P.200.908 | 2        | £762.02 | 78   |
| 6789/DWW     | 50       | £11.04  | 78   |
| 6790/DWW     | 75       | £10.93  | 78   |
| 9140.40R     | 50       | £10.01  | 78   |
| 9140.50R     | 50       | £10.69  | 78   |
| 9140.75R     | 50       | £14.88  | 78   |
| 9140.110R    | 15       | £27.98  | 78   |
| 9140.160R    | 1        | £37.49  | 78   |

# Don't fight the system, use a better one.



Take a stand against convention and join the Advantage Rebellion, where things get a bit radical. Our complete drainage and water supply systems are designed and prefabricated off-site, reducing costs by as much as 30%, installation times by up to 60% and on-site fabrication waste by as much as 100%. Fully customised systems, quality assured and pre-tested, delivered to site - ready for immediate installation. **Join the Advantage Rebellion and change to a better system.**

To find out more, scan QR code or visit [www.polypipebuildingservices.com](http://www.polypipebuildingservices.com)





## Introduction

Using the latest plastics manufacturing technology to satisfy the requirements of today's installers, the Terrain Underground range offers a rigid pipe and a comprehensive range of fittings to suit all applications.

Terrain Underground products represent the benchmark for quality, supported with outstanding service levels.

Our comprehensive range of underground drainage products are suitable for commercial, industrial, housing and public sector developments.

They are:


- Easy-to-lay
- Flexible, to accommodate normal ground movement
- Adaptable, to connect to existing drainage systems
- Unique products offer unrivalled installation options
- Suitable for commercial and domestic installations

Systems include:

## Solid wall pipes and fittings

Available in 82, 110 and 160mm diameters. 110 and 160mm comply with BS EN 1401.








## Pipe

|  | Size mm          | Angle  | Col | Pack/<br>Box | Code  | Price<br>Each |         |
|--|------------------|--------|-----|--------------|-------|---------------|---------|
|  | Pipe plain ended |        |     |              |       |               |         |
|  | 82               | (5.8m) | T   | 1/88         | 3DP58 | £297.98       |         |
|  | 110              | (5.8m) | ♥   | T            | 1/67  | 4DP58X        | £312.68 |
|  | 160              | (5.8m) | ♥   | T            | 1/33  | 6DP58X        | £644.50 |




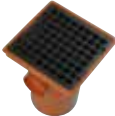
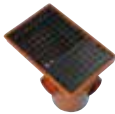

## Fittings

|   | Size mm | Angle  | Col | Pack/<br>Box | Code           | Price<br>Each  |
|---|---------|--------|-----|--------------|----------------|----------------|
| <b>Coupler double socket</b>  |         |        |     |              |                |                |
| With central stop.  |         |        |     |              |                |                |
|                           | 82      |        | T   | 10/60        | <b>3D20D</b>   | <b>£60.47</b>  |
|   | 110     | ♥      | T   | 5/48         | <b>4D20D</b>   | <b>£28.80</b>  |
|   | 160     | ♥      | T   | 5/15         | <b>6D20D</b>   | <b>£79.45</b>  |
| <b>Slip coupler</b>   |         |        |     |              |                |                |
| For inserting new fittings into existing pipework.<br>(e.g. refurbishment or repair).<br>No central stop. |         |        |     |              |                |                |
|                           | 110     |        | T   | 5/45         | <b>4D20DSC</b> | <b>£43.04</b>  |
| <b>Pipe end socket</b>  |         |        |     |              |                |                |
|                           | 110     | ♥      | T   | 5/40         | <b>4D69</b>    | <b>£48.65</b>  |
| <b>Short radius bend double socket</b>  |         |        |     |              |                |                |
| To change pipe direction: 87½°, 45°, 30° and 15° as standard.   |         |        |     |              |                |                |
|                         | 82      | 87½°   | T   | 1/15         | <b>3D23D</b>   | <b>£86.91</b>  |
|   | 82      | 45°    | T   | 5/20         | <b>3D25D</b>   | <b>£83.03</b>  |
|   | 110     | 87½° ♥ | T   | 5/18         | <b>4D23D</b>   | <b>£87.37</b>  |
|   | 110     | 45° ♥  | T   | 5/26         | <b>4D25D</b>   | <b>£89.27</b>  |
|   | 160     | 87½° ♥ | T   | 1/6          | <b>6D23D</b>   | <b>£207.52</b> |
|   | 160     | 45° ♥  | T   | 1/8          | <b>6D25D</b>   | <b>£207.52</b> |
| <b>Rest bend double socket</b>  |         |        |     |              |                |                |
| To change 110mm pipe direction at base of soil stack: 87½° as standard.                                   |         |        |     |              |                |                |
|                         | 110     |        | T   | 3/9          | <b>4D21D</b>   | <b>£142.77</b> |



## Fittings

|  | Size mm | Angle   | Col  | Pack/<br>Box | Code         | Price<br>Each  |
|--|---------|---------|------|--------------|--------------|----------------|
| <b>Variable bend single socket</b>   |         |         |      |              |              |                |
| To change 110mm pipe direction by 0–25°. Any non-standard angle can be achieved if used in conjunction with a standard fitting.            |         |         |      |              |              |                |
|   | 110     | 0-25° ♥ | T    | 5/25         | <b>4DV40</b> | <b>£121.72</b> |
| <b>Socket plug</b>   |         |         |      |              |              |                |
| To blank off any ring seal socket.<br>With boss horn. For use with 117 boss horn, see page 36. Spigot outlet.                              |         |         |      |              |              |                |
|   | 110     | ♥       | T    | 6/54         | <b>4D68</b>  | <b>£52.03</b>  |
|  | 160     | ♥       | T    | 1/30         | <b>6D68</b>  | <b>£100.69</b> |
| <b>Access cap</b>  |         |         |      |              |              |                |
| To allow full bore access to 82mm, 110mm or 160mm pipework for inspection or rodding.  |         |         |      |              |              |                |
|   | 82      |         | T    | 5/40         | <b>3D64</b>  | <b>£5.20</b>   |
|  | 110     | ♥       | T    | 5/50         | <b>4D64</b>  | <b>£100.37</b> |
|  | 160     | ♥       | T    | 1/15         | <b>6D64</b>  | <b>£162.54</b> |
|   | 110     |         | T    | 1/40         | <b>4D63</b>  | <b>£84.91</b>  |
|  | 160     |         | T    | 1/35         | <b>6D63</b>  | <b>£151.19</b> |
| <b>Rodding eye</b>   |         |         |      |              |              |                |
| Material: Aluminium.<br>Elliptical rodding eye with 110mm pipe size spigot.<br>Access aperture size: 118x90mm.                             |         |         |      |              |              |                |
|   | 110     |         | Self | 5/25         | <b>4DRE</b>  | <b>£241.48</b> |
| <b>Single equal junction</b>   |         |         |      |              |              |                |
| To join 82mm branch pipe to 82mm main pipe at an angle: 45° as standard.   |         |         |      |              |              |                |
|   | 82      | 45°     | T    | 1/20         | <b>3D33D</b> | <b>£124.64</b> |
| <b>Single equal junction - all equal sockets</b>   |         |         |      |              |              |                |
| To join 110mm or 160mm branch pipe to 110mm or 160mm main pipe at an angle:<br>(110mm) 87½° and 45° as standard<br>(160mm) 45° as standard |         |         |      |              |              |                |
|   | 110     | 87½° ♥  | T    | 12           | <b>4D30D</b> | <b>£123.64</b> |
|  | 160     | 87½°    | T    | 4            | <b>6D30D</b> | <b>£346.32</b> |
|  | 110     | 45° ♥   | T    | 12           | <b>4D33D</b> | <b>£123.64</b> |
|  | 160     | 45° ♥   | T    | 3            | <b>6D33D</b> | <b>£346.32</b> |

## Fittings

|  | Size mm | Angle | Col | Pack/Box | Code          | Price Each     |
|--|---------|-------|-----|----------|---------------|----------------|
| <b>Single unequal junction - all socket</b>  |         |       |     |          |               |                |
| To join 110mm branch pipe to 160mm main pipe at an angle: 45° and 87½° as standard.  |         |       |     |          |               |                |
|    | 160/110 | 45    | ♥   | T 5      | <b>64D33D</b> | <b>£309.34</b> |
| <b>Gully trap</b>  |         |       |     |          |               |                |
| Material: Polypropylene<br>To obtain 'P' trap, add 45° bend.   |         |       |     |          |               |                |
|    | 110     |       |     | T 4/12   | <b>4DG90</b>  | <b>£103.77</b> |
| <b>'P' trap</b>  |         |       |     |          |               |                |
| Material: PVCu<br>To obtain 'Q' or 'S' trap, add 45° or 87½° bend.   |         |       |     |          |               |                |
|    | 110     |       |     | T 4/8    | <b>4DG91</b>  | <b>£188.04</b> |
| <b>Square hopper head</b>  |         |       |     |          |               |                |
| Material: PVCu and Polypropylene<br>Spigot outlet may be cut off to reveal socket which can accept solvent-welded pipe as extended spigot.<br>Terracotta body with Black grid. 1 boss horn.  |         |       |     |          |               |                |
|    | 110     |       |     | T 5/15   | <b>4DG92</b>  | <b>£90.52</b>  |
| <b>Rectangular hopper head</b>   |         |       |     |          |               |                |
| Material: PVCu and Polypropylene<br>Back inlet plate incorporates two easily removable discs to create apertures for insertion of 40mm waste pipes.<br>Terracotta body with Black grid. 3 boss horns.  |         |       |     |          |               |                |
|    | 110     |       |     | T 4/12   | <b>4DG93</b>  | <b>£164.47</b> |
| <b>Circular gully</b>  |         |       |     |          |               |                |
| Material: PVCu<br>Incorporates plugged horizontal pipe entries:<br>2x110mm spigots, 1x110mm ring seal socket and 1x68mm rainwater pipe socket.<br>Spigot outlet may be cut off to reveal socket which can accept solvent-welded pipe as extended spigot. |         |       |     |          |               |                |
|    | 110     |       |     | T 2/4    | <b>4DG80</b>  | <b>£262.78</b> |







## Fittings

|  | Size mm | Angle | Col | Pack/Box | Code         | Price Each     |
|--|---------|-------|-----|----------|--------------|----------------|
| <b>Bottle gully with round cover</b>   |         |       |     |          |              |                |
| Material: PVCu and Polypropylene.<br>Removable dip tube provides 50mm deep trap.<br>Incorporates 110mm back inlet connection.<br>Terracotta body with Black cover.   |         |       |     |          |              |                |
|   | 110     |       |     | T 4      | <b>4DG97</b> | <b>£294.16</b> |
| <b>Bottle gully with square cover</b>  |         |       |     |          |              |                |
| Material: PVCu and Polypropylene<br>Removable dip tube provides 50mm deep trap<br>Incorporates 2 x waste back inlet connections.<br>Can also accept up to 6 different pipes either direct or via adaptors. Terracotta body with Black cover. |         |       |     |          |              |                |
|   | 110     |       |     | T 4      | <b>4DG89</b> | <b>£342.91</b> |

## Gullies & Hoppers

|   | Size mm | Angle | Col | Pack/Box | Code           | Price Each     |
|---|---------|-------|-----|----------|----------------|----------------|
| <b>Sealed cover</b>   |         |       |     |          |                |                |
| To cap 4DG80 Circular Gully or 4DG81 Extension Piece with screws and seal.  |         |       |     |          |                |                |
|    | 211     |       | B   | 1/30     | <b>4DG82</b>   | <b>£137.79</b> |
| <b>Circular grating</b>   |         |       |     |          |                |                |
| To provide an open grating for surface water drainage for 4DG80 Circular Gully or 4DG81 Extension Piece.<br>Also: spare grating for 4DG97 Bottle Gully. |         |       |     |          |                |                |
|    | 211     |       | B   | 1/30     | <b>4DG83</b>   | <b>£63.32</b>  |
| <b>Raising piece</b>  |         |       |     |          |                |                |
| To extend upper aperture of 4DG97 and 4DG89 Bottle Gully to surface level or to lower horizontal pipe entries beneath surface level.                    |         |       |     |          |                |                |
|    | 200     |       |     | T 3      | <b>4DG96</b>   | <b>£179.17</b> |
| <b>Square hopper head grid</b>  |         |       |     |          |                |                |
| Material: Polypropylene.<br>Spare grid for 4DG92 Hopper Head.   |         |       |     |          |                |                |
|    | 155     |       | B   | 1/100    | <b>4DG92G</b>  | <b>£19.18</b>  |
| Material: Polypropylene<br>Spare grid for 4DG89 Hopper Head   |         |       |     |          |                |                |
|   | 232     |       | B   | 1/15     | <b>4DG89G</b>  | <b>£28.61</b>  |
| <b>Square sealed cover</b>  |         |       |     |          |                |                |
| Material: Polypropylene. Converts 4DG92 Square Hopper. Head from open grid to sealed cover.<br>With screws and seal.                                    |         |       |     |          |                |                |
|    | 155     |       | B   | 1/100    | <b>4DG92GS</b> | <b>£84.85</b>  |

## Inspection Chambers

|  | Size  | mm | Angle | Col | Pack/<br>Box | Code   | Price<br>Each |         |
|--|---|----|-------|-----|--------------|--------|---------------|---------|
| Shallow inspection chamber   |   |    |       |     |              |        |               |         |
|    | To allow inspection of drainage system.<br>Supplied with 2 plugs for unused entries.<br>200mm socket has angular tolerance of $\pm 7^\circ$ allowing up to $14^\circ$ adjustment to accommodate pipe variation and ground fall.<br>Access aperture size: 162x100mm.<br>Requires seal 9116.4 found on page 65. |    |       |     |              |        |               |         |
|  | 110   |    |       | T   | 2            | 4DI600 | £316.21       |         |
|  | Sealed cover and frame  |    |       |     |              |        |               |         |
|    | To cap 4DI600 Shallow Inspection Chamber.<br>Ring seal joint to shaft   |    |       |     |              |        |               |         |
|  | 200   |    |       | B   | 4/12         | 4DIFC1 | £247.29       |         |
|  | Inspection chamber base - 470mm diameter  |    |       |     |              |        |               |         |
|    | Material: Polypropylene.<br>To allow inspection of drainage system.<br>Incorporating 110mm main channel and 4 x 110mm branch inlets.<br>Supplied with 4 x blanking plugs  |    |       |     |              |        |               |         |
|  | 110   |    |       | ♥   | B            | 1      | 4DI240B       | £511.73 |
|  | Unequal inspection chamber base - 475 diameter  |    |       |     |              |        |               |         |
|   | Material: Polypropylene supplied with 4 x blanking plugs.<br>To allow inspection of drainage system, incorporating 160mm main channel, 2 x 160mm and 2 x 110mm branch inlets.   |    |       |     |              |        |               |         |
|  | 160/110   |    |       | ♥   | B            | 1      | 64DI240B      | £563.65 |
|  | Raising piece   |    |       |     |              |        |               |         |
|  | Material: Polypropylene.<br>To allow inspection of drainage system, incorporating 160mm main channel, 2 x 160mm and 2 x 110mm branch inlets.  |    |       |     |              |        |               |         |
|  | 470   |    |       | ♥   | B            | 1      | 4DI215R       | £207.73 |
|  | Seal ring   |    |       |     |              |        |               |         |
|  | Suitable for 4DI215R.   |    |       |     |              |        |               |         |
|  |   |    |       | ♥   | B            | 1      | 4DI215S       | £49.19  |

## Reducers & Adaptors

|   | Size mm  | Angle          | Col | Pack/<br>Box | Code             | Price<br>Each  |
|---|--|----------------|-----|--------------|------------------|----------------|
| <b>Level invert taper</b>   |  |                |     |              |                  |                |
|    | Material: PVCu.<br>Larger end spigot and smaller end socket.   |                |     |              |                  |                |
|   | 110/82   |                | T   | 2/30         | <b>43DT</b>      | <b>£59.40</b>  |
|   | 160/110  |                | T   | 4/24         | <b>64DT</b>      | <b>£112.94</b> |
| <b>Universal waste adaptor</b>  |  |                |     |              |                  |                |
|    | Material: EPDM.<br>For connecting 32mm, 40mm or 50mm waste pipe to 110mm underground drain pipe.                 |                |     |              |                  |                |
|   | 110  |                | B   | 5/60         | <b>4DW200</b>    | <b>£61.22</b>  |
| <b>Adaptor to above ground drain</b>  |  |                |     |              |                  |                |
|    | Material: Flex PVC.<br>For connecting 82mm underground drain. External only.                                     |                |     |              |                  |                |
|   | 82/68  |                | B   | 5/60         | <b>3DW25</b>     | <b>£64.97</b>  |
|   | 110/68   |                | B   | 5/50         | <b>4DW25</b>     | <b>£61.22</b>  |
|   | 110/82   |                | B   | 5/50         | <b>4DW3</b>      | <b>£62.57</b>  |
|    | Material: Flex PVC. For connecting 62mm square downpipes to underground drainage system.<br>For square downpipe. |                |     |              |                  |                |
|   | 110/62   |                | B   | 5/50         | <b>4DW23</b>     | <b>£62.57</b>  |
| <b>PVCu underground drain pipe to clay</b>  |  |                |     |              |                  |                |
|  | Material: PVCu. Socket for PVCu drain pipe and ribbed socket for other material. Cold caulked.                   |                |     |              |                  |                |
|   | 110  |                | T   | 1/36         | <b>4D73</b>      | <b>£80.86</b>  |
| <b>Lubricant</b>  |  |                |     |              |                  |                |
|  | Material: Silicone grease Soluble lubricant.<br>For lubricating seal rings on expansion fittings.                |                |     |              |                  |                |
|   | 250ml  | Tub (silicone) |     | 10/40        | <b>9136.250L</b> | <b>£122.45</b> |
|   | 500ml  | Tub (soluble)  |     | 10/20        | <b>9136.500L</b> | <b>£25.29</b>  |

## Index

| Code              | Pack Qty | Price   | Page |
|-------------------|----------|---------|------|
| Pipe and Fittings |          |         |      |
| 3D20D             | 10/60    | £60.47  | 82   |
| 3D23D             | 1/15     | £86.91  | 82   |
| 3D25D             | 5/20     | £83.03  | 82   |
| 3D33D             | 1/20     | £124.64 | 82   |
| 3D64              | 5/40     | £5.20   | 82   |
| 3DP58             | 1/88     | £297.98 | 82   |
| 4D20D             | 5/48     | £28.80  | 82   |
| 4D20DSC           | 5/45     | £43.04  | 82   |
| 4D21D             | 3/9      | £142.77 | 82   |
| 4D23D             | 5/18     | £87.37  | 82   |
| 4D25D             | 5/26     | £89.27  | 82   |
| 4D30D             | 12       | £123.64 | 82   |
| 4D33D             | 12       | £123.64 | 82   |
| 4D63              | 1/40     | £84.91  | 82   |
| 4D64              | 5/50     | £100.37 | 82   |
| 4D68              | 6/54     | £52.03  | 82   |
| 4D69              | 5/40     | £48.65  | 82   |
| 4DG80             | 2/4      | £262.78 | 83   |
| 4DG89             | 4        | £342.91 | 83   |
| 4DG90             | 4/12     | £103.77 | 83   |
| 4DG91             | 4/8      | £188.04 | 83   |
| 4DG92             | 5/15     | £90.52  | 83   |
| 4DG93             | 4/12     | £164.47 | 83   |
| 4DG97             | 4        | £294.16 | 83   |
| 4DP58X            | 1/67     | £312.68 | 82   |
| 4DRE              | 5/25     | £241.48 | 82   |
| 4DV40             | 5/25     | £121.72 | 82   |
| 64D33D            | 5        | £309.34 | 83   |
| 6D20D             | 5/15     | £79.45  | 82   |
| 6D23D             | 1/6      | £207.52 | 82   |
| 6D25D             | 1/8      | £207.52 | 82   |
| 6D30D             | 4        | £346.32 | 82   |
| 6D33D             | 3        | £346.32 | 82   |
| 6D63              | 1/35     | £151.19 | 82   |
| 6D64              | 1/15     | £162.54 | 82   |
| 6D68              | 1/30     | £100.69 | 82   |
| 6DP58X            | 1/33     | £644.50 | 82   |
| Gullies & Hoppers |          |         |      |
| 4DG82             | 1/30     | £137.79 | 83   |
| 4DG83             | 1/30     | £63.32  | 83   |
| 4DG89G            | 1/15     | £28.61  | 83   |
| 4DG92G            | 1/100    | £19.18  | 83   |
| 4DG92GS           | 1/100    | £84.85  | 83   |
| 4DG96             | 3        | £179.17 | 83   |

## Index

| Code                | Pack Qty | Price   | Page |
|---------------------|----------|---------|------|
| Inspection Chambers |          |         |      |
| 4DI215R             | 1        | £207.73 | 84   |
| 4DI215S             | 1        | £49.19  | 84   |
| 4DI240B             | 1        | £511.73 | 84   |
| 4DI600              | 2        | £316.21 | 84   |
| 4DIFC1              | 4/12     | £247.29 | 84   |
| 64DI240B            | 1        | £563.65 | 84   |
| Reducers & Adaptors |          |         |      |
| 43DT                | 2/30     | £59.40  | 84   |
| 64DT                | 4/24     | £112.94 | 84   |
| 4DW200              | 5/60     | £61.22  | 84   |
| 3DW25               | 5/60     | £64.97  | 84   |
| 4DE25               | 5/50     | £61.22  | 84   |
| 4DW3                | 5/50     | £62.57  | 84   |
| 4DW23               | 5/50     | £62.57  | 84   |
| 4D73                | 1/36     | £80.96  | 84   |
| 9136.250L           | 10/40    | £122.45 | 84   |
| 9136.500L           | 10/20    | £25.29  | 84   |

# Standards & Certification

## Quality Assurance

Polypipe Building Services is accredited to the following Quality Management Systems:

BS EN ISO 9001 – Quality Management System

BS EN ISO 14001 – Environmental Management System

BS ISO 45001 – Occupational Health & Safety Management System

PAS 99 – Integrated Management Registration



## Standards Compliance and Certifications

### Terrain FUZE, HDPE Soil and Waste

Pipes and Electrofusion Couplings are manufactured in accordance with BS EN 1519 Standard and is covered by British Board of Agreement certificate 07/4479 and Kitemark certificate KM 729217.

## TERRAIN

### Terrain Soil and Waste

Terrain Soil and Waste systems are manufactured in accordance with the appropriate British and European Standards and, where applicable, bear a kitemark (KM).

PVCu Soil systems – 82, 110 and 160mm Soil Pipes and Fittings

BS 4514 (KM 05252), BS EN 1329-1 (KM 57744) & BS EN 1453 (KM 751221)

PVCu Waste Systems – 32, 40 and 50mm Waste Pipes and Fittings

BS EN 1566 (KM 88038) and BS 5255 (KM 06413)

Terrain P.A.P.A.

British Board of Agreement certificate 18/5551

Air Admittance Valve

BS EN 12380 (KM 554663)

Solvent Liquid Weld

BS EN 14680 (KM 51564)

### Underground

BS EN 13476 (KM 578526)

BS EN 1401-1 (KM 57184)



## **MecFlow Fusion & MecFlow Press** **MecFlow Supply Systems**

MecFlow Supply Systems are manufactured in accordance with the appropriate British and European Standards and, where applicable, WRAS approved.



## **MecFlow Fusion**

ISO 15874 Plastics piping systems for hot and cold water installations – Polypropylene (PP)

- Part 1 – General
- Part 2 – Pipes
- Part 3 – Fittings
- Part 5 – Fitness for purpose of the system
- Part 7 – Guidance for assessment of conformity

DIN 8077 Polypropylene (PP) pipes - PP-H, PP-B, PP-R, PP-RCT – Dimensions.

DIN 8078 Polypropylene (PP) pipes - PP-H, PP-B, PP-R, PP-RCT – General Quality Requirements & Testing.

NTC 4897-2 Systems of plastic pipes for hot and cold water – Polypropylene (PP).

RP 01.00 Common requirements for AENOR Certification of Plastic Products.

RP 01.78 Special regulations of the Certificate of Conformity AENOR for Piping Systems in random polypropylene with modified crystalline structure (PP-RCT) and fiberglass (FV) for hot and cold water installations inside the structure of the Buildings.

BS EN ISO 1043-1:2011+A1:2016 Plastics. Symbols and abbreviated terms. Basic polymers and their special characteristics.

ISO 9080:2003 Plastics piping and ducting systems – Determination of the long-term hydrostatic strength of thermoplastics materials in pipe form by extrapolation.

BS EN ISO 7686:2005 Plastic pipes and fittings. Determination of opacity.

BS EN 13501-1 Fire Classification of Construction Products and Building Elements. Part 1 – Classification using data from reaction to fire tests.



## MecFlow Press

BS EN ISO 21003 Multilayer piping systems for hot and cold water installations inside buildings.

- Part 1 – General
- Part 2 – Pipes
- Part 3 – Fittings
- Part 5 – Fitness for purpose of the system
- Part 7 – Guidance for the assessment of conformity

EN ISO 15875 Plastic piping systems for hot and cold water installations. Crosslinked Polyethylene (PE-X)

- Part 1 – General
- Part 2 – Pipes
- Part 3 – Fittings
- Part 5 – Fitness for purpose of the system
- Part 7 – Guidance for the assessment of conformity

DIN EN ISO 4726 Warm water surface heating systems and radiator connecting systems - Plastics piping systems and multilayer piping systems.

DVGW Process Sheet W542

DVGW Process Sheet W534

KTW Recommendations

And

DIN EN 12163: 2011-08 / BS EN 12163: 2011-06

DIN EN 12165: 2011-08 / BS EN 12165: 2011-06

DIN EN 12249: 2014-09 / BS EN 12420: 2014-06

The product follows the provisions of the European Community directive no. 1935/2004, 2002/72/EC, 2004/1/EC and 2004/19/EC on the quality of drinking water.

BS EN 13501-1 Fire Classification of Construction Products and Building Elements. Part 1 – Classification using data from reaction to fire tests.

Certification can be found here: [www.polypipebuildingservices.com/technicalhub](http://www.polypipebuildingservices.com/technicalhub)





## Polypipe Advantage

From design and planning to ordering, delivery, technical support and customer service, Polypipe Advantage provides everything you need to plan and implement your project.

You'll have access to our team of dedicated Project Managers, who will work with you to create an exact delivery schedule.

From time and cost-savings to sustainability and enhanced health & safety on site, there are a number of ways that the Polypipe Advantage service can benefit your project. These particular benefits are now more important than ever. The construction industry is currently undergoing a period of change, brought about by technological advancements, shifts in the labour market and an increasing focus on environmental issues. Whichever system you require to help overcome your unique challenges, we make it. Simple.

### Get in touch

See how Polypipe Advantage can benefit your next project.

Contact the Polypipe Advantage team and remove the complexity from design, estimation, fabrication, delivery and support.

Contact details below.

## Availability

For details of local stockists, please contact Sales Support on 01622 795200.

## Further information and assistance

Terrain and MecFlow products are backed by a comprehensive technical advisory service, available to provide advice and design guidance on all aspects of above and below ground drainage and supply systems.

Technical services include:

- On site advice and problem solving.
- Terrain drainage stacks and MecFlow Fusion bespoke parts are designed and fabricated through our Polypipe Advantage Service. Any items ordered through this service have a 21-day lead time.

For prompt assistance, please contact the Polypipe Advantage team:

T: 01622 795200 | E: [commerciaLENquiries@polypipe.com](mailto:commerciaLENquiries@polypipe.com)

[www.polypipebuildingservices.com](http://www.polypipebuildingservices.com)

[www.polypipebuildingservices.com/solutions/advantage-prefabrication](http://www.polypipebuildingservices.com/solutions/advantage-prefabrication)

# Terms & Conditions

## 1. Interpretation

The following definitions and rules of interpretation apply in these Conditions.

### 1.1. Definitions:

1. **Business Day:** a day other than a Saturday, Sunday or public holiday in England, when banks in London are open for business.
2. **Conditions:** these terms and conditions as amended from time to time in accordance with clause 19.8.
3. **Contract:** the contract between the Supplier and the Customer for the supply of Goods or Services or Goods and Services in accordance with these Conditions.
4. **control:** has the meaning given in section 1124 of the Corporation Tax Act 2010, and the expression change of control shall be interpreted accordingly.
5. **Customer:** the person or firm who purchases the Goods or Services or Goods and Services from the Supplier.
6. **Deliverables:** the deliverables set out in the Order produced by the Supplier for the Customer.
7. **Goods:** the goods (or any part of them) set out in the Order.
8. **Goods Specification:** any specification for the Goods, including any relevant plans or drawings, issued by the Supplier from time to time.
9. **Intellectual Property Rights:** patents, utility models, rights to inventions, copyright and neighbouring and related rights, moral rights, trade marks and service marks, business names and domain names, rights in get-up and trade dress, goodwill and the right to sue for passing off or unfair competition, rights in designs, rights in computer software, database rights, rights to use, and protect the confidentiality of, confidential information (including know-how and trade secrets), and all other intellectual property rights, in each case whether registered or unregistered and including all applications and rights to apply for and be granted, renewals or extensions of, and rights to claim priority from, such rights and all similar or equivalent rights or forms of protection which subsist or will subsist now or in the future in any part of the world.
10. **Order:** the Customer's order for the supply of Goods or Services or Goods and Services.
11. **Polypipe Group of Companies:** any subsidiary of Polypipe Limited, or any subsidiary of any subsidiary of Polypipe Limited.
12. **Services:** the services, including the Deliverables, supplied by the Supplier to the Customer as set out in the Service Specification.
13. **Service Specification:** the description or specification for the Services provided in writing by the Supplier to the Customer.
14. **Supplier:** Polypipe Limited trading as Polypipe Building Services registered in England and Wales with company number 01099323.

### 1.2. Interpretation:

- (a) A **person** includes a natural person, corporate or unincorporated body (whether or not having separate legal personality).
- (b) A reference to a party includes its personal representatives, successors and permitted assigns.
- (c) A reference to legislation or a legislative provision is a reference to it as amended or re-enacted. A reference to legislation or a legislative provision includes all subordinate legislation made under that legislation or legislative provision.
- (d) Any words following the terms including, include, in particular, for example or any similar expression shall be interpreted as illustrative and shall not limit the sense of the words preceding those terms.
- (e) A reference to writing or written excludes fax but not email.

## 2. Basis of contract

- 2.1. Unless otherwise specifically agreed in writing by the Supplier, these Conditions shall apply to the provision of all Goods and/or Services to the Customer.
- 2.2. The Order constitutes an offer by the Customer to purchase Goods or Services or Goods and Services in accordance with these Conditions.
- 2.3. If a quotation has been provided the quotation shall not constitute an offer and shall only be valid for the period of time stated on the quotation or, in the absence of any stated validity period, shall be valid for a period of 28 days from the quotation date.
- 2.4. The Order shall only be deemed to be accepted on the sooner of:
  - (a) the Supplier communicating a formal acceptance of the Order; or
  - (b) the Supplier despatching any Goods forming part, or all, of the Order; or
  - (c) the Supplier commencing any Services forming part, or all, of the Order;at which point and on which date the Contract shall come into existence (Commencement Date). For the avoidance of all doubt, the Supplier shall be under

no obligation to accept any Order.

- 2.5. Once an Order has been accepted, and the Contract formed, the Customer shall not be entitled to amend or cancel the Order without the prior written consent of the Supplier. If such consent is granted the Customer shall be liable to the Supplier for the Supplier's costs incurred as a direct result of any such amendment or cancellation.
- 2.6. Any samples, drawings, descriptive matter or advertising issued by the Supplier and any descriptions of the Goods or illustrations or descriptions of the Services contained in the Supplier's catalogues or brochures are issued or published for the sole purpose of giving an approximate idea of the Goods and Services described in them. They shall not form part of the Contract nor have any contractual force.
- 2.7. These Conditions apply to the Contract to the exclusion of any other terms that the Customer seeks to impose or incorporate, in any form, or which are implied by law, trade custom, practice or course of dealing.
- 2.8. The Customer waives any right it might otherwise have to rely on any term endorsed upon, delivered with or contained in any documents of the Customer that is inconsistent with these Conditions.

## 3. Goods

- 3.1. The Goods are described in the Goods Specification.
- 3.2. To the extent that any of the Goods are to be manufactured in accordance with a specification supplied by the Customer, the Customer shall indemnify the Supplier against all liabilities, costs, expenses, damages and losses (including any direct, indirect or consequential losses, loss of profit, loss of reputation and all interest, penalties and legal costs (calculated on a full indemnity basis) and all other professional costs and expenses) suffered or incurred by the Supplier arising out of or in connection with any claim made against the Supplier for actual or alleged infringement of a third party's Intellectual Property Rights arising out of or in connection with the Supplier's use of the Goods Specification. This clause 3.2 shall survive termination of the Contract.
- 3.3. The Supplier reserves the right to amend the Goods Specification:

- (a) Without notice to the Customer if the amendments do not result in any reduction in functionality of the Goods, or that in the reasonable opinion of the Supplier is non-material;
- (b) By giving the Customer not less than 2 weeks' notice if the amendments are material in nature, or will result in any reduction in functionality of the Goods; or
- (c) On written notice to the Customer if required by any applicable statutory or regulatory requirement.

## 4. Delivery of Goods

- 4.1. The Supplier shall ensure that:
  - (a) each delivery of the Goods is accompanied by a delivery note which shows the date of the Order, all relevant Customer and Supplier reference numbers, the type and quantity of the Goods (including the code number of the Goods, where applicable), special storage instructions (if any) and, if the Order is being delivered by instalments, the outstanding balance of Goods remaining to be delivered; and
  - (b) if the Supplier requires the Customer to return any packaging materials to the Supplier, that fact is clearly stated on the delivery note. The Customer shall make any such packaging materials available for collection at such times as the Supplier shall reasonably request. Returns of packaging materials shall be at the Supplier's expense.
- 4.2. Delivery of the Goods shall be completed as per the Order or, in the absence of any specific delivery terms in the Order, shall be completed EXW Incoterms®2020.
- 4.3. Delivery of the Goods shall be completed on the completion of unloading, or where appropriate, loading of the Goods at the Delivery Location.
- 4.4. Any dates quoted for delivery of the Goods are approximate only, and the time of delivery is not of the essence. The Supplier shall not be liable for any delay in delivery of the Goods that is caused by a Force Majeure Event or the Customer's failure to provide the Supplier with adequate delivery instructions or any other instructions that are relevant to the supply of the Goods.
- 4.5. If the Supplier fails to deliver the Goods, its liability shall be limited to the costs and expenses incurred by the Customer in obtaining replacement goods of similar description and quality in the cheapest market available, less the price of the Goods. The Supplier shall have no liability for any failure to deliver the Goods to the extent that such failure is caused by a Force Majeure Event or the Customer's failure to provide the Supplier with adequate delivery instructions or any other instructions that are relevant to the supply of the Goods.
- 4.6. If the Customer fails to take, or accept, delivery of the Goods within three Business Days of the Supplier notifying the Customer that the Goods are ready,

then except where such failure or delay is caused by a Force Majeure Event or by the Supplier's failure to comply with its obligations under the Contract in respect of the Goods:

- (a) delivery of the Goods shall be deemed to have been completed at 9.00 am on the third Business Day following the day on which the Supplier notified the Customer that the Goods were ready; and
  - (b) the Supplier shall store the Goods until actual delivery takes place, and charge the Customer for all related costs and expenses (including insurance).
- 4.7. If ten Business Days after the day on which the Supplier notified the Customer that the Goods were ready for delivery the Customer has not taken, or accepted, actual delivery of them, the Supplier may resell or otherwise dispose of part or all of the Goods and, after deducting reasonable storage and selling costs, account to the Customer for any excess over the price of the Goods or charge the Customer for any shortfall below the price of the Goods.
- 4.8. Once delivery has been completed in accordance with the Contract the Supplier shall, save for as detailed elsewhere in these Conditions, have no obligation to accept any returns of any Goods delivered. Should the Customer wish to return any Goods, without cause, acceptance of any such returns shall be at the Supplier's sole discretion and shall be subject to:

- (a) a restocking fee, on a per item basis, determined by the Supplier at the time. The restocking fee shall not amount to more than 25% (excluding VAT) of the total price of the Goods returned; and
  - (b) a charge equalling the value of any depreciation in the returned Goods attributable to any damage, or wear and tear, caused to the Goods whilst at the Customer's risk.
- 4.9. The Supplier may deliver the Goods by instalments, which shall be invoiced and paid for separately. Each instalment shall constitute a separate contract. Any delay in delivery or defect in an instalment shall not entitle the Customer to cancel any other instalment.

## 5. Delivery Inspections

5.1. The Customer shall have no claim for loss, shortages or damage on delivery which are or would be apparent on inspection unless the Customer:

- (a) unpacks and inspects the Goods as soon as reasonably practicable following receipt;
  - (b) notifies the Supplier of any loss, shortages or damage (otherwise than by a qualified signature on the delivery note) within 3 Business Days of the date of delivery; and
  - (c) demonstrates to the satisfaction of the Supplier that such loss, shortages or damage occurred prior to delivery.
- 5.2. The Customer shall have no rights in respect of loss, shortages or damage unless the Supplier is given a reasonable opportunity to inspect the Goods in question and investigate any complaint before any use of or alteration to or interference with the Goods.
- 5.3. On a valid complaint made in accordance with this clause 5 the Customer shall be entitled:

- (a) in the case of notified shortages, to receive within a reasonable time thereafter a delivery of Goods equivalent to the shortfall; or
- (b) in the case of defects, at the Supplier's discretion, to:
  - (i) repairs to the affected Goods; or
  - (ii) replacements of the affected Goods;
  - (iii) a credit for the price of the affected Goods

and the Supplier shall have no further liability whatsoever in respect of any such complaint.

5.4. If a complaint of loss, shortages or damage on delivery is not made to the Supplier in accordance with this Clause 5 within 3 Business Days of the date of delivery, then the Goods shall be deemed to be delivered complete and undamaged in accordance with the Contract.

## 6. Export Terms

6.1. If any Goods are to be delivered outside the United Kingdom the provisions of this clause shall apply and the transport of Goods outside the United Kingdom will be governed by the relevant Incoterms agreed by the parties.

6.2. Unless otherwise agreed between the parties, the full Order value shall be secured by an irrevocable letter of credit satisfactory to the Supplier, established by the Customer in favour of the Supplier immediately upon the acceptance of an Order as outlined in clause 2.4, and confirmed by a bank acceptable to the Supplier. The letter of credit shall be for the full value of the relevant Order (together with any tax or duty payable) payable to the Supplier and shall be valid for not less than three months. The Supplier shall be entitled to payment within the time-scale agreed between the parties in writing on presentation of the relevant Contract documentation

to the Supplier's nominated bank.

6.3. Unless otherwise agreed in the Order, or in writing between the parties, the Customer shall be responsible for complying with any legislation or regulations governing the importation of the Goods into the country of destination and for the payment of any applicable duties, or the application, and payment for, any required licences.

## 7. Quality of Goods

7.1. Where specifically stated in the Goods Specification, the Goods shall come with the Supplier's standard warranty, a copy of which is available on request.

7.2. Save for where specifically detailed in these Conditions, all other warranties, whether express, or implied, are hereby excluded to the furthest extent possible in law.

7.3. Without prejudice to clause 7.1, the Supplier warrants that on delivery, and for a period of 12 months from the date of delivery (**Warranty Period**), the Goods shall:

- (a) conform in all material respects with the Goods Specification;
- (b) be free from material defects in design, material and workmanship; and
- (c) be of satisfactory quality (within the meaning of the Sale of Goods Act 1979).

7.4. Subject to clause 7.5, if:

- (a) the Customer gives notice in writing to the Supplier during the Warranty Period, and within a reasonable time of discovery, that some or all of the Goods do not comply with the warranty set out in clause 7.1;
- (b) the Supplier is given a reasonable opportunity of examining such Goods; and
- (c) the Customer (if asked to do so by the Supplier) returns such Goods to the Supplier's place of business at the Supplier's cost,

the Supplier shall, at its option, repair or replace the defective Goods, or refund the price of the defective Goods in full. This shall be the Customer's sole remedy for any breach of the warranty set out in clause 7.1.

7.5. The Supplier shall not be liable for the Goods' failure to comply with the warranty set out in clause 7.1 if:

- (a) the Customer makes any further use of such Goods after giving a notice in accordance with clause 7.4;
- (b) the defect arises because the Customer failed to follow the Supplier's oral or written instructions as to the storage, commissioning, installation, use or maintenance of the Goods or (if there are none) good trade practice regarding the same;
- (c) the defect arises as a result of the Supplier following any drawing, design or specification supplied by the Customer;
- (d) the Customer alters or repairs such Goods without the written consent of the Supplier;
- (e) the defect arises as a result of fair wear and tear, wilful damage, negligence, or abnormal working conditions; or
- (f) the Goods differ from the Goods Specification as a result of changes made to ensure they comply with applicable statutory or regulatory requirements.

7.6. Except as provided in this clause 7, the Supplier shall have no liability to the Customer in respect of the Goods' failure to comply with the warranty set out in clause 7.1.

7.7. These Conditions shall apply to any repaired or replacement Goods supplied by the Supplier.

## 8. Title and risk

8.1. The risk in the Goods shall pass to the Customer on completion of delivery.

8.2. Title to the Goods shall not pass to the Customer until the earlier of:

- (a) the Supplier receiving payment in full (in cash or cleared funds) for the Goods in which case title to the Goods shall pass at the time of payment; and
- (b) the Customer resells the Goods, in which case title to the Goods shall pass to the Customer at the time specified in clause 8.4.

8.3. Until title to the Goods has passed to the Customer, the Customer shall:

- (a) store the Goods separately from all other goods held by the Customer so that they remain readily identifiable as the Supplier's property;
- (b) not remove, deface or obscure any identifying mark or packaging on or relating to the Goods;
- (c) maintain the Goods in satisfactory condition and keep them insured against all risks for their full price on the Supplier's behalf from the date of delivery;
- (d) notify the Supplier immediately if it becomes subject to any of the events listed in clause 15.1.(b) to clause 15.1.(d); and
- (e) give the Supplier such information as the Supplier may reasonably require from time to time relating to:

# Terms & Conditions

- (i) the Goods; and
  - (ii) the ongoing financial position of the Customer.
- 8.4. Subject to clause 8.5, the Customer may resell or use the Goods in the ordinary course of its business (but not otherwise) before the Supplier receives payment for the Goods. However, if the Customer resells the Goods before that time:
- (a) it does so as principal and not as the Supplier's agent; and
  - (b) title to the Goods shall pass from the Supplier to the Customer immediately before the time at which resale by the Customer occurs.
- 8.5. At any time before title to the Goods passes to the Customer, the Supplier may:
- (a) by notice in writing, terminate the Customer's right under clause 8.4 to resell the Goods or use them in the ordinary course of its business; and
  - (b) require the Customer to deliver up all Goods in its possession that have not been resold, or irrevocably incorporated into another product and if the Customer fails to do so promptly, enter any premises of the Customer or of any third party where the Goods are stored in order to recover them.

## 9. Supply of Services

- 9.1. The Supplier shall supply the Services to the Customer in accordance with the Service Specification in all material respects.
- 9.2. The Supplier shall use reasonable endeavours to meet any performance dates for the Services specified in the Order, or as agreed between the parties from time to time, but any such dates shall be estimates only and time shall not be of the essence for the performance of the Services.
- 9.3. Where, pursuant to the Services, the Supplier makes recommendations to the Customer, such recommendations will be based on the information available to the Supplier's representatives as at the time any such recommendation is provided, and shall be given to the best of the Supplier's knowledge of the matter in question. Save for where the recommendation explicitly falls within the scope Services being provided, or the Goods being supplied, any such recommendations are for guidance only and the Supplier shall have no liability to the Customer arising from the Customer following such recommendations without first having consulted a relevant expert in the matter in question.
- 9.4. Where any aspect of the Services involves the Supplier undertaking visits to any premises under the control of the Customer for the purposes of undertaking a pre-assessment of such premises the Customer shall inform the Supplier of all material information relating to the premises that may impact the pre-assessment being undertaken including, but not limited to, ground conditions, location of utilities, any hazards (whether physical or otherwise), and any plans to change the premises in the near future. Without prejudice to the generality of clause 10.2, the Supplier shall have no liability to the Customer if any such information is not provided, or if any information provided is not thorough or accurate.
- 9.5. The Supplier reserves the right to amend the Service Specification if necessary to comply with any applicable law or regulatory requirement, or if the amendment will not materially affect the nature or quality of the Services, and the Supplier shall notify the Customer in any such event.
- 9.6. The Supplier warrants to the Customer that the Services will be provided using reasonable care and skill.

## 10. Customer's obligations

- 10.1. The Customer shall:
- (a) ensure that the terms of the Order and any information it provides in either or both the Service Specification and the Goods Specification are complete and accurate;
  - (b) be wholly responsible for ensuring that any measurements, information, schematics, documentation, or specifications provided to the Supplier are accurate and warrants and represents that the Supplier shall be entitled to rely on anything provided to it by the Customer without further interrogation;
  - (c) co-operate with the Supplier in all matters relating to the Services;
  - (d) provide the Supplier, its employees, agents, consultants and subcontractors, with access to the Customer's premises, office accommodation and other facilities as reasonably required by the Supplier to provide the Services;
  - (e) provide the Supplier with such information and materials as the Supplier may reasonably require in order to supply the Services, and ensure that such information is complete and accurate in all material respects;
  - (f) prepare the Customer's premises for the supply of the Services;
  - (g) notify the Supplier, in advance, prior to the delivery of any Services, if any of the Services being delivered relate to a 'High Risk Building' as defined in the Building Safety Act 2022. Should any of the Services being provided relate to a 'High Risk Building', and the Customer has failed to notify the Supplier in accordance with this clause, the Supplier shall have no liability to the

Customer, in any form, for any failure for the Services, or any resulting Goods supplied, being in compliance with the requirements of the Building Safety Act 2022;

- (h) ensure that all relevant Customer personnel are aware of the Supplier's activities under the Contract, including, but not limited to:
    - (i) any deliveries of Goods; and
    - (ii) the performance of any Services.
  - (i) pro-actively inform the Supplier of any information regarding the site where the Services are to be provided that may be relevant to the Services including, but not limited to, site conditions, ground conditions, utilities on or in the vicinity of the site, and any potential hazards on or in the vicinity of the site;
  - (j) ensure the site where the Goods are to be delivered and/or the Services performed is suitable for such delivery and/or performance for the entire period in which the Supplier may be on site;
  - (k) obtain and maintain all necessary licences, permissions and consents which may be required for the Services before the date on which the Services are to start;
  - (l) comply with all applicable laws, including health and safety laws;
  - (m) keep all materials, equipment, documents and other property of the Supplier (Supplier Materials) at the Customer's premises in safe custody at its own risk, maintain the Supplier Materials in good condition until returned to the Supplier, and not dispose of or use the Supplier Materials other than in accordance with the Supplier's written instructions or authorisation; and
  - (n) comply with any additional obligations as set out in the Service Specification or the Goods Specification or both.
- 10.2. If the Supplier's performance of any of its obligations under the Contract is prevented or delayed by any act or omission by the Customer or failure by the Customer to perform any relevant obligation (**Customer Default**):
- (a) without limiting or affecting any other right or remedy available to it, the Supplier shall have the right, without liability to the Customer, to suspend performance of the Services until after the Customer remedies the Customer Default, and to rely on the Customer Default to relieve it from the performance of any of its obligations in each case to the extent the Customer Default prevents or delays the Supplier's performance of any of its obligations;
  - (b) the Supplier shall not be liable for any and all costs or losses sustained or incurred by the Customer arising directly or indirectly from the Supplier's failure or delay to perform any of its obligations as set out in this clause 10.2; and
  - (c) the Customer shall reimburse the Supplier on written demand for any costs or losses sustained or incurred by the Supplier arising directly or indirectly from the Customer Default.

## 11. Charges and payment

- 11.1. The price for Goods:
- (a) shall be the price set out in the Order or, if no price is quoted, the price set out in the Supplier's published price list as at the date of delivery; and
  - (b) shall, unless otherwise outlined in the Order, be exclusive of all costs and charges of packaging, insurance, transport of the Goods, which shall be invoiced to the Customer.
- 11.2. Unless otherwise agreed in the Order, or between the parties in writing, the charges for Services shall be calculated on a time and materials basis:
- (a) the charges shall be calculated in accordance with the Supplier's rates, as set out in any quotation provided by the Supplier;
  - (b) if working to a day rate, the Supplier's daily fee rates for each individual person are calculated on the basis of an eight-hour day from 9.00 am to 5.00 pm worked on Business Days;
  - (c) the Supplier shall be entitled to charge an overtime rate of 50% of the daily fee rate on a pro rata basis for each part day or for any time worked by individuals whom it engages on the Services outside the hours referred to in clause 11.2(b); and
  - (d) the Supplier shall be entitled to charge the Customer for any expenses reasonably incurred by the individuals whom the Supplier engages in connection with the Services including travelling expenses, hotel costs, subsistence and any associated expenses, and for the cost of services provided by third parties and required by the Supplier for the performance of the Services, and for the cost of any materials.
- 11.3. The Supplier reserves the right to increase the price of the Goods, by giving notice to the Customer at any time before delivery, to reflect any increase in the cost of the Goods to the Supplier that is due to:
- (a) any factor beyond the control of the Supplier (including foreign exchange fluctuations, increases in taxes and duties, and increases in labour, materials

and other manufacturing costs);

- (b) any request by the Customer to change the delivery date(s), quantities or types of Goods ordered, or the Goods Specification; or
- (c) any delay caused by any instructions of the Customer in respect of the Goods or failure of the Customer to give the Supplier adequate or accurate information or instructions in respect of the Goods.

11.4. In respect of Goods, the Supplier shall invoice the Customer on or at any time after completion of delivery. In respect of Services, the Supplier shall invoice the Customer as outlined in the Order or, in the absence of any specific detail on the Order, on completion of the Services.

11.5. The Supplier reserves the right to complete credit checks as against the Customer and, by entering into the Contract, the Customer consents to the Supplier undertaking such credit checks.

11.6. The Supplier shall be entitled, at its discretion, to require the Customer to pay for any Goods, or Services, in full, or in part, prior to the delivery of the Goods, or the commencement of any of the Services.

11.7. Without prejudice, and subject to, clause 11.6, the Customer shall pay each invoice submitted by the Supplier:

- (a) within 30 days of the date of the invoice or in accordance with any credit terms agreed by the Supplier and confirmed in writing to the Customer; and
- (b) in full and in cleared funds to a bank account nominated in writing by the Supplier, and time for payment shall be of the essence of the Contract.

11.8. All amounts payable by the Customer under the Contract are exclusive of amounts in respect of value added tax chargeable from time to time (VAT). Where any taxable supply for VAT purposes is made under the Contract by the Supplier to the Customer, the Customer shall, on receipt of a valid VAT invoice from the Supplier, pay to the Supplier such additional amounts in respect of VAT as are chargeable on the supply of the Services or Goods or both, as applicable, at the same time as payment is due for the supply of the Services or Goods.

11.9. If the Customer fails to make a payment due to the Supplier under the Contract by the due date, then, without limiting the Supplier's remedies under clause 15:

- (a) The Supplier shall be entitled, without liability to the Customer, to suspend delivery of all Goods not yet delivered to the Customer; or
- (b) The Supplier shall be entitled, without liability to the Customer, to suspend performance of any Services not yet performed; and
- (c) the Customer shall pay interest on the overdue sum from the due date until payment of the overdue sum, whether before or after judgment. Interest under this clause 11.9 will accrue each day at 6% a year above the Bank of England's base rate from time to time, but at 6% a year for any period when that base rate is below 0%.

11.10. All amounts due under the Contract shall be paid in full without any set-off, counterclaim, deduction or withholding (other than any deduction or withholding of tax as required by law).

## 12. Intellectual property rights

12.1. All Intellectual Property Rights in or arising out of or in connection with the Services (other than Intellectual Property Rights in any materials provided by the Customer) shall be owned by the Supplier.

12.2. Save for as explicitly stated, nothing in the Contract shall serve to assign, transfer, or licence any Intellectual Property Rights owned by the Supplier, or any Polypipe Group Company.

12.3. The Supplier grants to the Customer, or shall procure the direct grant to the Customer of, a fully paid-up, worldwide, non-exclusive, royalty-free licence during the term of the Contract to copy the Deliverables (excluding materials provided by the Customer) for the purpose of receiving and using the Services and the Deliverables in its business.

12.4. The Customer shall not sub-license, assign or otherwise transfer the rights granted by clause 12.3 without the Supplier's written consent.

12.5. The Customer grants the Supplier a fully paid-up, non-exclusive, royalty-free non-transferable licence to copy and modify any materials provided by the Customer to the Supplier for the term of the Contract for the purpose of providing the Services to the Customer.

## 13. Data protection

13.1. The following definitions apply in this clause 13:

- (a) **Controller, Processor, Data Subject, Personal Data, Personal Data Breach, processing and appropriate technical and organisational measures:** as defined in the Data Protection Legislation.
- (b) **Data Protection Legislation:** all applicable data protection and privacy legislation in force from time to time in the UK including the UK GDPR, the Data Protection Act 2018 (and regulations made thereunder) and the Privacy

and Electronic Communications Regulations 2003 (SI 2003/2426) and the guidance and codes of practice issued by the Information Commissioner or other relevant regulatory authority and applicable to a party.

13.2. Both parties will comply with all applicable requirements of the Data Protection Legislation. This clause 13 is in addition to, and does not relieve, remove or replace, a party's obligations or rights under the Data Protection Legislation.

13.3. Where the Supplier is acting as a Processor on behalf of the Customer, and without prejudice to the generality of clause 13.2, the Customer will ensure that it has all necessary appropriate consents and notices in place to enable lawful transfer of the Personal Data to the Supplier and/or lawful collection of the Personal Data by the Supplier on behalf of the Customer for the duration and purposes of the Contract.

## 14. Limitation of liability

14.1. References to liability in this clause 14 include every kind of liability arising under or in connection with the Contract including liability in contract, tort (including negligence), misrepresentation, restitution or otherwise.

14.2. Nothing in the Contract limits any liability which cannot legally be limited, including liability for:

- (a) death or personal injury caused by negligence;
- (b) fraud or fraudulent misrepresentation;
- (c) breach of the terms implied by section 12 of the Sale of Goods Act 1979 or section 2 of the Supply of Goods and Services Act 1982 (title and quiet possession); and
- (d) defective products under the Consumer Protection Act 1987.

14.3. Subject to clause 14.2, the Supplier's total liability to the Customer shall not exceed the value of the Contract.

14.4. The Supplier shall, in no circumstances, be liable to the Customer for any of the following types of losses:

- (a) loss of profits;
- (b) loss of revenue;
- (c) loss of sales or business;
- (d) loss of agreements or contracts;
- (e) loss of anticipated savings;
- (f) loss of use or corruption of software, data or information;
- (g) loss of or damage to goodwill; and
- (h) indirect or consequential loss.

14.5. The Supplier has given commitments as to compliance of the Goods and Services with relevant specifications in clause 7 and clause 9. In view of these commitments, the terms implied by sections 13 to 15 of the Sale of Goods Act 1979 and sections 3, 4 and 5 of the Supply of Goods and Services Act 1982 are, to the fullest extent permitted by law, excluded from the Contract.

14.6. This clause 14 shall survive termination of the Contract.

## 15. Termination

15.1. Without affecting any other right or remedy available to it, either party may terminate the Contract with immediate effect by giving written notice to the other party if:

- (a) the other party commits a material breach of any term of the Contract and (if such breach is remediable) fails to remedy that breach within a period of 30 days after being notified in writing to do so;
- (b) the other party takes any step or action in connection with its entering administration, provisional liquidation or any composition or arrangement with its creditors (other than in relation to a solvent restructuring), obtaining a moratorium, being wound up (whether voluntarily or by order of the court, unless for the purpose of a solvent restructuring), having a receiver appointed to any of its assets or ceasing to carry on business or, if the step or action is taken in another jurisdiction, in connection with any analogous procedure in the relevant jurisdiction;
- (c) the other party suspends, or threatens to suspend, or ceases or threatens to cease to carry on all or a substantial part of its business; or
- (d) the other party's financial position deteriorates so far as to reasonably justify the opinion that its ability to give effect to the terms of the Contract is in jeopardy.

15.2. Without affecting any other right or remedy available to it, the Supplier may terminate the Contract with immediate effect by giving written notice to the Customer if:

- (a) the Customer fails to pay any amount due under the Contract on the due date for payment; or
- (b) there is a change of control of the Customer.

15.3. Without affecting any other right or remedy available to it, the Supplier may suspend the supply of Services or all further deliveries of Goods under the Contract or any other contract between the Customer and the Supplier if the Customer fails to

# Terms & Conditions

pay any amount due under the Contract on the due date for payment, the Customer becomes subject to any of the events listed in clause 15.1(b) to clause 15.1(d), or the Supplier reasonably believes that the Customer is about to become subject to any of them.

## 16. Consequences of termination

### 16.1. On termination of the Contract:

- (a) the Customer shall immediately pay to the Supplier all of the Supplier's outstanding unpaid invoices and interest and, in respect of Goods and Services supplied but for which no invoice has been submitted, the Supplier shall submit an invoice, which shall be payable by the Customer immediately on receipt;
- (b) the Customer shall return all of the Supplier Materials and any Deliverables or Goods which have not been fully paid for. If the Customer fails to do so, then the Supplier may enter the Customer's premises and take possession of them. Until they have been returned, the Customer shall be solely responsible for their safe keeping and will not use them for any purpose not connected with this Contract.

16.2. Termination or expiry of the Contract shall not affect any rights, remedies, obligations and liabilities of the parties that have accrued up to the date of termination or expiry, including the right to claim damages in respect of any breach of the Contract which existed at or before the date of termination or expiry.

16.3. Any provision of the Contract that expressly or by implication is intended to have effect after termination or expiry shall continue in full force and effect.

## 17. Confidentiality

17.1. Each party undertakes that it shall not at any time during the Contract, and for a period of two years after termination or expiry of the Contract, disclose to any person any confidential information concerning the business, assets, affairs, customers, clients or suppliers of the other party or of any member of the group of companies to which the other party belongs, except as permitted by clause 17.2.

17.2. Each party may disclose the other party's confidential information:

- (a) to its employees, officers, representatives, contractors or subcontractors or advisers who need to know such information for the purposes of exercising the party's rights or carrying out its obligations under or in connection with the Contract. Each party shall ensure that its employees, officers, representatives or advisers to whom it discloses the other party's confidential information comply with this clause 17; and
- (b) as may be required by law, a court of competent jurisdiction or any governmental or regulatory authority.

17.3. No party shall use any other party's confidential information for any purpose other than to exercise its rights and perform its obligations under or in connection with the Contract.

## 18. Force majeure

Neither party shall be in breach of the Contract or otherwise liable for any failure or delay in the performance of its obligations if such delay or failure results from events, circumstances or causes beyond its reasonable control (**a Force Majeure Event**).

The time for performance of such obligations shall be extended accordingly. If the period of delay or non-performance continues for 8 weeks, the party not affected may terminate the Contract by giving 7 days' written notice to the affected party.

## 19. General

### 19.1. Assignment and other dealings

- (a) The Supplier may at any time, on written notice to the Customer, assign, mortgage, charge, subcontract, delegate, declare a trust over or deal in any other manner with any or all of its rights and obligations under the Contract to any member of the Polypipe Group of Companies.
- (b) The Customer shall not assign, transfer, mortgage, charge, subcontract, delegate, declare a trust over or deal in any other manner with any of its rights and obligations under the Contract.

### 19.2. Notices.

- (a) Any notice given to a party under or in connection with the Contract shall be in writing and shall be delivered by hand or by pre-paid first-class post or other next working day delivery service at its registered office (if a company) or its principal place of business (in any other case).
- (b) Any notice shall be deemed to have been received:
  - (i) if delivered by hand, at the time the notice is left at the proper address; or
  - (ii) if sent by pre-paid first-class post or other next working day delivery service, at 9.00 am on the second Business Day after posting.

**19.3. Severance.** If any provision or part-provision of the Contract is or becomes invalid, illegal or unenforceable, it shall be deemed deleted, but that shall not affect the validity and enforceability of the rest of the Contract. If any provision or part

provision of the Contract is deemed deleted under this clause 19.3 the parties shall negotiate in good faith to agree a replacement provision that, to the greatest extent possible, achieves the commercial result of the original provision.

### 19.4. Waiver.

- (a) Except as set out in clause 2.8, a waiver of any right or remedy is only effective if given in writing and shall not be deemed a waiver of any subsequent right or remedy.
- (b) A delay or failure to exercise, or the single or partial exercise of, any right or remedy shall not waive that or any other right or remedy, nor shall it prevent or restrict the further exercise of that or any other right or remedy.

**19.5. No partnership or agency.** Nothing in the Contract is intended to, or shall be deemed to, establish any partnership or joint venture between the parties, constitute either party the agent of the other, or authorise either party to make or enter into any commitments for or on behalf of the other party.

### 19.6. Entire agreement.

- (a) The Contract constitutes the entire agreement between the parties.
- (b) Each party acknowledges that in entering into the Contract it does not rely on any statement, representation, assurance or warranty (whether made innocently or negligently) that is not set out in the Contract. Each party agrees that it shall have no claim for innocent or negligent misrepresentation or negligent misstatement based on any statement in the Contract.

### 19.7. Third party rights.

- (a) The Contract does not give rise to any rights under the Contracts (Rights of Third Parties) Act 1999 to enforce any term of the Contract.
- (b) The rights of the parties to rescind or vary the Contract are not subject to the consent of any other person.
- (c) Except as set out in clause 19.1(a), the Contract is personal as between the Supplier and the Customer and shall not apply to any supplies made to the Customer by any other member of the Polypipe Group of Companies, with any such supplies being subject to their own contract.

**19.8. Variation.** Except as set out in these Conditions, no variation of the Contract shall be effective unless it is agreed in writing and signed by the parties (or their authorised representatives).

**19.9. Governing law.** The Contract and any dispute or claim (including non-contractual disputes or claims) arising out of or in connection with it or its subject matter or formation shall be governed by and construed in accordance with the law of England and Wales.

**19.10. Jurisdiction.** Each party irrevocably agrees that the courts of England and Wales shall have exclusive jurisdiction to settle any dispute or claim (including non-contractual disputes or claims) arising out of or in connection with the Contract or its subject matter or formation.







## Polypipe Building Services

New Hythe Business Park

College Road

Aylesford

Kent ME20 7PJ

Tel: 01622 795 200

[commercialenquiries@polypipe.com](mailto:commercialenquiries@polypipe.com)

[www.polypipebuildingservices.com](http://www.polypipebuildingservices.com)