

Supply & Drainage Systems



Price List 2024

Welcome to Genuit Group

Here at Genuit Group, we are making the built environment more sustainable by helping create a more resilient planet, society and business. Sustainability is core to our commercial strategy, driving innovation in both how we run our business and products we create. We find solutions for the environmental challenges facing our infrastructure, our buildings and our communities, and deliver these at scale.



Polypipe Building Services is part of the Genuit Group developing and delivering exceptional engineered solutions in both drainage and water supply. Our specialist technical team help our customers to complete safe and sustainable multi-occupancy high-rise residential and commercial projects, healthcare, and leisure facilities, whether new build or retrofit.

For over 50 years our Terrain brand has been the industry benchmark for drainage systems, but also includes our award-winning MecFlow water supply system. MecFlow is a robust, multi-layer, simple, reliable alternative to traditional water supply systems. A WRAS approved PP-RCT pipe, it has achieved a fire classification rating of B-s1, d0 and has a unique installation method enabling a quicker installation process without the need for naked flames.

Whether you want a single component or a fully fabricated system, together with our Advantage Service we have the fabrication and testing capabilities, specialist advice and customer support for your project to ensure whatever your challenge you're never left without a solution. We'll manufacture and test it off-site then deliver it when you're ready addressing skilled labour shortages and the lack of on-site storage facilities.

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Did you know the MecFlow Fusion Electrofusion Coupler can be used as a slip coupling?

1. *Simply lever out the internal stop using a screwdriver or similar blunt object, taking care not to damage the internal face of the fitting.*
2. *Scrape the pipe the full length of the electrofusion coupler using a manual or mechanical scraper.*
3. *Slide the fitting over the end of the scraped pipe, assemble the join and weld as per the normal procedure.*



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 healthcare, leisure, multi occupancy and high-rise building projects.

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

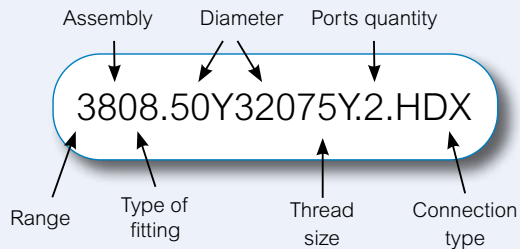
Its intermediate layer benefits from the addition of microfibres set in a mesh formation, working to reduce thermal expansion and along with several other additives, increases the mechanical resistance of the system.

Finally, the outer layer is UV stabilised and abrasion resistant, contributing to the system's robust construction, providing overall high resistance to impact, ensuring product safety during transportation, storage and on-site handling.

The system is available in a wide range of diameters from 20mm – 315mm, giving you confidence that it's the optimal solution if running pipework up risers, along corridors or to plant equipment using known and trusted techniques including electrofusion, socket, and butt welding, depending on size.

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

A Guide to the MecFlow Fusion Manifolds Numbering System



Range Series

3000 = MecFlow Fusion

Assembly

800 = Fabricated Product

Type of Fitting

08 = Manifold
18 = Manifold

Thread Sizes

075 = 3/4" BSP

Manifold Connection Type

D = Drain
H = Horizontal
V = Vertical
X = Female
Y = Male

Code Spacers

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.

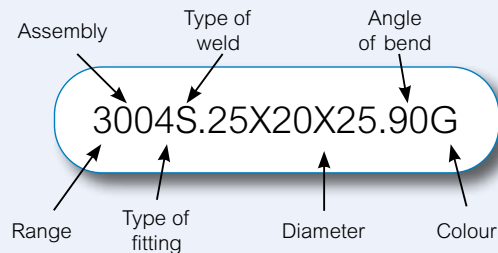
These files are ready to incorporate into design drawings. If you would like the files in the relevant format, simply contact the Advantage Team on 01622 795200 or email commercialenquiries@polypipe.com.

MecFlow Supply Systems - 3000 Fusion

| | Size mm | Ports | Col | Pack/Box | Code | Price Each |
|--|--|-------|-----|----------|------|---------------------------------|
| | Manifolds- Horizontal - Drain, Male Thread | | | | | |
| | 1 1/2"/50/3/4" | 2 | | G | 1 | 3808.50Y32075Y.2.HDX £835.23 |
| | 1 1/2"/50/3/4" | 3 | | G | 1 | 3808.50Y32075Y.3.HDX £1,072.50 |
| | 1 1/2"/50/3/4" | 4 | | G | 1 | 3808.50Y32075Y.4.HDX £1,237.47 |
| | 1 1/2"/50/3/4" | 5 | | G | 1 | 3808.50Y32075Y.5.HDX £1,474.79 |
| | 1 1/2"/50/3/4" | 6 | | G | 1 | 3808.50Y32075Y.6.HDX £1,639.76 |
| | 1 1/2"/50/3/4" | 7 | | G | 1 | 3808.50Y32075Y.7.HDX £1,877.04 |
| | 1 1/2"/50/3/4" | 8 | | G | 1 | 3808.50Y32075Y.8.HDX £2,042.04 |
| | 1 1/2"/50/3/4" | 9 | | G | 1 | 3808.50Y32075Y.9.HDX £1,965.44 |
| | 1 1/2"/50/3/4" | 10 | | G | 1 | 3808.50Y32075Y.10.HDX £2,130.26 |
| | 1 1/2"/50/3/4" | 11 | | G | 1 | 3808.50Y32075Y.11.HDX £2,337.61 |
| | 1 1/2"/50/3/4" | 12 | | G | 1 | 3808.50Y32075Y.12.HDX £2,472.72 |
| | Manifolds- Horizontal - No Drain, Male Thread | | | | | |
| | 1 1/2"/50/3/4" | 2 | | G | 1 | 3818.50Y32075Y.2.HX £798.69 |
| | 1 1/2"/50/3/4" | 3 | | G | 1 | 3818.50Y32075Y.3.HX £1,035.97 |
| | 1 1/2"/50/3/4" | 4 | | G | 1 | 3818.50Y32075Y.4.HX £1,200.93 |
| | 1 1/2"/50/3/4" | 5 | | G | 1 | 3818.50Y32075Y.5.HX £1,438.20 |
| | 1 1/2"/50/3/4" | 6 | | G | 1 | 3818.50Y32075Y.6.HX £1,603.22 |
| | 1 1/2"/50/3/4" | 7 | | G | 1 | 3818.50Y32075Y.7.HX £1,840.49 |
| | 1 1/2"/50/3/4" | 8 | | G | 1 | 3818.50Y32075Y.8.HX £1,751.27 |
| | 1 1/2"/50/3/4" | 9 | | G | 1 | 3818.50Y32075Y.9.HX £1,928.89 |
| | 1 1/2"/50/3/4" | 10 | | G | 1 | 3818.50Y32075Y.10.HX £2,093.73 |
| | 1 1/2"/50/3/4" | 11 | | G | 1 | 3818.50Y32075Y.11.HX £2,301.08 |
| | 1 1/2"/50/3/4" | 12 | | G | 1 | 3818.50Y32075Y.12.HX £2,436.13 |
| | Manifolds- Horizontal - Drain, Female Thread | | | | | |
| | 1 1/2"/50/3/4" | 2 | | G | 1 | 3808.50Y32075Y.2.VDX £758.48 |
| | 1 1/2"/50/3/4" | 3 | | G | 1 | 3808.50Y32075Y.3.VDX £995.76 |
| | 1 1/2"/50/3/4" | 4 | | G | 1 | 3808.50Y32075Y.4.VDX £1,160.72 |
| | 1 1/2"/50/3/4" | 5 | | G | 1 | 3808.50Y32075Y.5.VDX £1,397.99 |
| | 1 1/2"/50/3/4" | 6 | | G | 1 | 3808.50Y32075Y.6.VDX £1,563.01 |
| | 1 1/2"/50/3/4" | 7 | | G | 1 | 3808.50Y32075Y.7.VDX £1,800.28 |
| | 1 1/2"/50/3/4" | 8 | | G | 1 | 3808.50Y32075Y.8.VDX £1,711.06 |
| | 1 1/2"/50/3/4" | 9 | | G | 1 | 3808.50Y32075Y.9.VDX £1,888.68 |
| | 1 1/2"/50/3/4" | 10 | | G | 1 | 3808.50Y32075Y.10.VDX £2,053.47 |
| | 1 1/2"/50/3/4" | 11 | | G | 1 | 3808.50Y32075Y.11.VDX £2,260.87 |
| | 1 1/2"/50/3/4" | 12 | | G | 1 | 3808.50Y32075Y.12.VDX £2,395.92 |
| | Manifolds- Vertical - No Drain, Female Thread | | | | | |
| | 1 1/2"/50/3/4" | 2 | | G | 1 | 3818.50Y32075Y.2.VX £721.90 |
| | 1 1/2"/50/3/4" | 3 | | G | 1 | 3818.50Y32075Y.3.VX £959.21 |
| | 1 1/2"/50/3/4" | 4 | | G | 1 | 3818.50Y32075Y.4.VX £1,124.19 |
| | 1 1/2"/50/3/4" | 5 | | G | 1 | 3818.50Y32075Y.5.VX £1,361.45 |
| | 1 1/2"/50/3/4" | 6 | | G | 1 | 3818.50Y32075Y.6.VX £1,526.42 |
| | 1 1/2"/50/3/4" | 7 | | G | 1 | 3818.50Y32075Y.7.VX £1,763.74 |
| | 1 1/2"/50/3/4" | 8 | | G | 1 | 3818.50Y32075Y.8.VX £1,674.48 |
| | 1 1/2"/50/3/4" | 9 | | G | 1 | 3818.50Y32075Y.9.VX £1,852.14 |
| | 1 1/2"/50/3/4" | 10 | | G | 1 | 3818.50Y32075Y.10.VX £2,016.93 |
| | 1 1/2"/50/3/4" | 11 | | G | 1 | 3818.50Y32075Y.11.VX £2,224.33 |
| | 1 1/2"/50/3/4" | 12 | | G | 1 | 3818.50Y32075Y.12.VX £2,359.38 |

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 Numbering System



Range Series

3000 = Mecflow Fusion

Assembly

000 = Single Product

Type of Fitting

- 00 = Pipe
- 01 = Elbow
- 04 = Tee & Tee Reducing
- 10 = Electrofusion Coupling
- 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

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)

Type of Weld

- B = Butt Weld
- S = Socket Weld

Code Spacers

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 commerciaenquiries@polypipe.com.

MecFlow Supply Systems - 3000 Fusion



































| | Size mm | Angle | Col | Pack/Box | Code | Price Each |
|-------------------------------|---------|-------|-----|----------|----------------|------------|
| Pipe | | | | | | |
| Plain Ended | | | | | | |
| 20 (4m) | | ☐ | G | - | 3000.3.20.40G | £39.15 |
| 25 (4m) | | ☐ | G | - | 3000.3.25.40G | £61.30 |
| 32 (4m) | | ☐ | G | - | 3000.3.32.40G | £73.54 |
| 40 (4m) | | ☐ | G | - | 3000.5.40.40G | £131.97 |
| 50 (4m) | | ☐ | G | - | 3000.5.50.40G | £160.43 |
| 63 (4m) | | ☐ | G | - | 3000.5.63.40G | £214.34 |
| 75 (4m) | | ☐ | G | - | 3000.5.75.40G | £283.14 |
| 90 (4m) | | ☐ | G | - | 3000.5.90.40G | £400.08 |
| 110 (4m) | | ☐ | G | - | 3000.5.110.40G | £552.13 |
| 125 (5.8m) | | ☐ | G | - | 3000.5.125.58G | £1,043.21 |
| 160 (5.8m) | | ☐ | G | - | 3000.5.160.58G | £1,562.31 |
| 200 (5.8m) | | ☐ | G | - | 3000.5.200.58G | £3,502.03 |
| 250 (5.8m) | | ☐ | G | - | 3000.5.250.58G | £5,633.93 |
| 315 (5.8m) | | ☐ | G | - | 3000.5.315.58G | £8,768.56 |
| Electrofusion Coupler | | | | | | |
| Double Socket - Electrofusion | | | | | | |
| 20 | | ☐ | G | - | 3010.20G | £43.17 |
| 25 | | ☐ | G | - | 3010.25G | £45.64 |
| 32 | | ☐ | G | - | 3010.32G | £67.27 |
| 40 | | ☐ | G | - | 3010.40G | £87.28 |
| 50 | | ☐ | G | - | 3010.50G | £100.43 |
| 63 | | ☐ | G | - | 3010.63G | £116.41 |
| 75 | | ☐ | G | - | 3010.75G | £162.67 |
| 90 | | ☐ | G | - | 3010.90G | £192.64 |
| 110 | | ☐ | G | - | 3010.110G | £225.44 |
| 125 | | ☐ | G | - | 3010.125G | £334.83 |
| 160 | | ☐ | G | - | 3010.160G | £514.31 |
| 200 | | ☐ | G | - | 3010.200G | £794.44 |
| 250 | | ☐ | G | - | 3010.250G | £1,607.03 |
| 315 | | ☐ | G | - | 3010.315G | £2,227.61 |
| Double Socket | | | | | | |
| Double Socket - Socket Weld | | | | | | |
| 20 | | ☐ | G | - | 3011S.20G | £1.17 |
| 25 | | ☐ | G | - | 3011S.25G | £1.50 |
| 32 | | ☐ | G | - | 3011S.32G | £4.55 |
| 40 | | ☐ | G | - | 3011S.40G | £6.74 |
| 50 | | ☐ | G | - | 3011S.50G | £12.21 |
| 63 | | ☐ | G | - | 3011S.63G | £15.66 |
| 75 | | ☐ | G | - | 3011S.75G | £31.75 |
| 90 | | ☐ | G | - | 3011S.90G | £50.41 |
| 110 | | ☐ | G | - | 3011S.110G | £71.41 |
| 125 | | ☐ | G | - | 3011S.125G | £109.95 |


















































































| MecFlow Supply Systems - 3000 Fusion | | | | | | |
|--|-----------------------------|-------|---|--------------|------|---------------------------|
| | Size mm | Angle | Col | Pack/ Box | Code | Price Each |
|  | Elbow 45° | | | | | |
| | Double Socket - Socket Weld | | | | | |
| | 20 | 45 |  | G | - | 3001S.20.45G £2.09 |
| | 25 | 45 |  | G | - | 3001S.25.45G £2.64 |
| | 32 | 45 |  | G | - | 3001S.32.45G £5.60 |
| | 40 | 45 |  | G | - | 3001S.40.45G £14.39 |
| | 50 | 45 |  | G | - | 3001S.50.45G £26.26 |
| | 63 | 45 |  | G | - | 3001S.63.45G £34.34 |
| | 75 | 45 |  | G | - | 3001S.75.45G £50.41 |
| | 90 | 45 |  | G | - | 3001S.90.45G £100.82 |
| | 110 | 45 |  | G | - | 3001S.110.45G £131.23 |
| | 125 | 45 |  | G | - | 3001S.125.45G £210.94 |
| | Plain End - Butt Weld | | | | | |
| | 160 | 45 |  | G | - | 3001B.5.160.45G £341.04 |
| | 200 | 45 |  | G | - | 3001B.5.200.45G £599.55 |
| | 250 | 45 |  | G | - | 3001B.5.250.45G £994.79 |
| | 315 | 45 |  | G | - | 3001B.5.315.45G £1,954.83 |
|  | Elbow 90° | | | | | |
| | Double Socket - Socket Weld | | | | | |
| | 20 | 90 |  | G | - | 3001S.20.90G £1.32 |
| | 25 | 90 |  | G | - | 3001S.25.90G £2.09 |
| | 32 | 90 |  | G | - | 3001S.32.90G £5.60 |
| | 40 | 90 |  | G | - | 3001S.40.90G £13.08 |
| | 50 | 90 |  | G | - | 3001S.50.90G £22.50 |
| | 63 | 90 |  | G | - | 3001S.63.90G £29.51 |
| | 75 | 90 |  | G | - | 3001S.75.90G £50.61 |
| | 90 | 90 |  | G | - | 3001S.90.90G £95.78 |
| | 110 | 90 |  | G | - | 3001S.110.90G £157.40 |
| | 125 | 90 |  | G | - | 3001S.125.90G £215.61 |
| | Plain End - Butt Weld | | | | | |
| | 160 | 45 |  | G | - | 3001B.5.160.90G £410.51 |
| | 200 | 45 |  | G | - | 3001B.5.200.90G £806.43 |
| | 250 | 45 |  | G | - | 3001B.5.250.90G £1,333.91 |
| | 315 | 45 |  | G | - | 3001B.5.315.90G £2,930.12 |
|  | Tee | | | | | |
| | Triple Socket - Socket Weld | | | | | |
| | 20 | 90 |  | G | - | 3004S.20.90G £1.80 |
| | 25 | 90 |  | G | - | 3004S.25.90G £2.35 |
| | 32 | 90 |  | G | - | 3004S.32.90G £7.93 |
| | 40 | 90 |  | G | - | 3004S.40.90G £10.32 |
| | 50 | 90 |  | G | - | 3004S.50.90G £14.33 |
| | 63 | 90 |  | G | - | 3004S.63.90G £27.08 |
| | 75 | 90 |  | G | - | 3004S.75.90G £100.47 |
| | 90 | 90 |  | G | - | 3004S.90.90G £143.08 |
| | 110 | 90 |  | G | - | 3004S.110.90G £214.91 |
| | 125 | 90 |  | G | - | 3004S.125.90G £285.24 |
| | Triple Spigot - Butt Weld | | | | | |
| | 160 | 90 |  | G | - | 3004B.5.160.90G £584.18 |
| | 200 | 90 |  | G | - | 3004B.5.200.90G £1,069.65 |
| | 250 | 90 |  | G | - | 3004B.5.250.90G £1,756.64 |
| | 315 | 90 |  | G | - | 3004B.5.315.90G £3,022.25 |


| MecFlow Supply Systems - 3000 Fusion | | | | | | |
|---|-------------------------------|-------|---|--------------|------|-----------------------------------|
| | Size mm | Angle | Col | Pack/ Box | Code | Price Each |
|  | Reducing Tee | | | | | |
| | Triple Socket - Socket Weld | | | | | |
| | 25/20 | 90 |  | G | - | 3004S.25X20X25.90G £2.71 |
| | 32/20 | 90 |  | G | - | 3004S.32X20X32.90G £5.21 |
| | 32/25 | 90 |  | G | - | 3004S.32X25X32.90G £4.55 |
| | 40/20 | 90 |  | G | - | 3004S.40X20X40.90G £7.77 |
| | 40/25 | 90 |  | G | - | 3004S.40X25X40.90G £7.85 |
| | 40/32 | 90 |  | G | - | 3004S.40X32X40.90G £14.73 |
| | 50/25 | 90 |  | G | - | 3004S.50X25X50.90G £17.56 |
| | 50/32 | 90 |  | G | - | 3004S.50X32X50.90G £27.46 |
| | 50/40 | 90 |  | G | - | 3004S.50X40X50.90G £27.46 |
| | 63/32 | 90 |  | G | - | 3004S.63X32X63.90G £46.23 |
| | 63/40 | 90 |  | G | - | 3004S.63X40X63.90G £46.23 |
| | 63/50 | 90 |  | G | - | 3004S.63X50X63.90G £35.54 |
| | 75/32 | 90 |  | G | - | 3004S.75X32X75.90G £55.01 |
| | 75/40 | 90 |  | G | - | 3004S.75X40X75.90G £55.01 |
| | 75/50 | 90 |  | G | - | 3004S.75X50X75.90G £55.01 |
| | 75/63 | 90 |  | G | - | 3004S.75X63X75.90G £53.82 |
| | 90/50 | 90 |  | G | - | 3004S.90X50X90.90G £77.49 |
| | 90/63 | 90 |  | G | - | 3004S.90X63X90.90G £77.49 |
| | 90/75 | 90 |  | G | - | 3004S.90X75X90.90G £77.49 |
| | 110/63 | 90 |  | G | - | 3004S.110X63X110.90G £123.13 |
| | 110/75 | 90 |  | G | - | 3004S.110X75X110.90G £174.84 |
| | 110/90 | 90 |  | G | - | 3004S.110X90X110.90G £214.91 |
| | Triple Spigot - Butt Weld | | | | | |
| | 160/110 | 90 |  | G | - | 3004B.5.160X110X160.90G £481.69 |
| | 160/125 | 90 |  | G | - | 3004B.5.160X125X160.90G £511.90 |
| | 200/125 | 90 |  | G | - | 3004B.5.200X125X200.90G £593.87 |
| | 200/160 | 90 |  | G | - | 3004B.5.200X160X200.90G £923.45 |
| | 250/160 | 90 |  | G | - | 3004B.5.250X160X250.90G £1,361.33 |
| | 250/200 | 90 |  | G | - | 3004B.5.250X200X250.90G £1,557.28 |
| | 315/160 | 90 |  | G | - | 3004B.5.315X160X315.90G £2,034.60 |
| | 315/200 | 90 |  | G | - | 3004B.5.315X200X315.90G £2,120.13 |
|  | Reducer | | | | | |
| | Spigot / Socket - Socket Weld | | | | | |
| | 25/20 | |  | G | - | 3024S.25X20G £1.39 |
| | 32/20 | |  | G | - | 3024S.32X20G £1.76 |
| | 32/25 | |  | G | - | 3024S.32X25G £1.76 |
| | 40/25 | |  | G | - | 3024S.40X25G £3.74 |
| | 40/32 | |  | G | - | 3024S.40X32G £7.36 |
| | 50/32 | |  | G | - | 3024S.50X32G £11.02 |
| | 50/40 | |  | G | - | 3024S.50X40G £11.57 |
| | 63/32 | |  | G | - | 3024S.63X32G £14.24 |
| | 63/40 | |  | G | - | 3024S.63X40G £15.66 |
| | 63/50 | |  | G | - | 3024S.63X50G £17.23 |
| | 75/32 | |  | G | - | 3024S.75X32G £22.97 |
| | 75/40 | |  | G | - | 3024S.75X40G £25.96 |
| | 75/50 | |  | G | - | 3024S.75X50G £26.55 |
| | 75/63 | |  | G | - | 3024S.75X63G £26.55 |
| | 90/63 | |  | G | - | 3024S.90X63G £40.33 |
| | 90/75 | |  | G | - | 3024S.90X75G £40.33 |
| | 110/50 | |  | G | - | 3024S.110X50G £95.62 |
| | 110/63 | |  | G | - | 3024S.110X63G £95.67 |

continued on next page



| MecFlow Supply Systems - 3000 Fusion | | | | | | |
|---|---------------------------|---|---|--------------|------------------|------------------|
| | Size mm | Angle | Col | Pack/ Box | Code | Price Each |
| Reducer | | | | | | |
|  | 110/75 |  | G | - | 3024S.110X75G | £95.67 |
| | 110/90 |  | G | - | 3024S.110X90G | £96.36 |
| | 125/50 |  | G | - | 3024S.125X50G | £123.48 |
| | 125/110 |  | G | - | 3024S.125X110G | £139.31 |
| | 160/110 |  | G | - | 3024S.160X110G | £308.20 |
| | 160/125 |  | G | - | 3024S.160X125G | £400.66 |
|  | Double Spigot - Butt Weld | | | | | |
| | 200/125 |  | G | - | 3024B.5.200X125G | £329.40 |
| | 200/160 |  | G | - | 3024B.5.200X160G | £215.02 |
| | 250/200 |  | G | - | 3024B.5.250X200G | £317.26 |
| | 250/160 |  | G | - | 3024B.5.250X160G | £288.26 |
| | 315/200 |  | G | - | 3024B.5.315X200G | £1,632.00 |
| | 315/250 |  | G | - | 3024B.5.315X250G | £1,295.67 |
| Threaded Adaptor | | | | | | |
| Threaded Adaptor - Socket Weld to Female BSP | | | | | | |
|  | 20/1/2" |  | G | - | 3016S.20X05G | £11.88 |
| | 25/1/2" |  | G | - | 3016S.25X05G | £12.35 |
| | 25/3/4" |  | G | - | 3016S.25X075G | £16.79 |
| | 32/3/4" |  | G | - | 3016S.32X075G | £27.15 |
| Threaded Adaptor - Socket Weld to Female Hex Nut BSP | | | | | | |
|  | 32/1" |  | G | - | 3016S.32X1G | £45.94 |
| | 40/1/4" |  | G | - | 3016S.40X125G | £67.92 |
| | 50/1/2" |  | G | - | 3016S.50X15G | £101.65 |
| | 63/2" |  | G | - | 3016S.63X2G | £165.60 |
| | 75/2 1/2" |  | G | - | 3016S.75X25G | £298.05 |
| | 90/3" |  | G | - | 3016S.90X3G | £469.59 |
| | 110/4" |  | G | - | 3016S.110X4G | £611.04 |
| Threaded Adaptor - Elbow, Socket Weld to Female BSP | | | | | | |
|  | 32/3/4" | 90 |  | G | - | 3016S.32X075.90G |
| | | | | | | £23.86 |
| Threaded Adaptor - Elbow, Socket Weld to Female Hex Nut BSP | | | | | | |
|  | 32/1" | | | | 3016S.32X1.90G | £49.16 |
| | | | | | | |
| Threaded Adaptor - Socket Weld to Male BSP | | | | | | |
|  | 20/1/2" |  | G | - | 3017S.20X05G | £14.96 |
| | 25/1/2" |  | G | - | 3017S.25X05G | £15.80 |
| | 25/ |  | G | - | 3017S.25X075G | £21.56 |

| MecFlow Supply Systems - 3000 Fusion | | | | | | |
|---|-----------|---|---|--------------|---------------|------------------|
| | Size mm | Angle | Col | Pack/ Box | Code | Price Each |
| Threaded Adaptor | | | | | | |
| Threaded Adaptor - Socket Weld to Male Hex Nut BSP | | | | | | |
|  | 32/3/4" |  | G | - | 3017S.32X075G | £41.49 |
| | 32/1" |  | G | - | 3017S.32X1G | £58.08 |
| | 40/1/4" |  | G | - | 3017S.40X125G | £122.32 |
| | 50/1/2" |  | G | - | 3017S.50X15G | £172.20 |
| | 63/2" |  | G | - | 3017S.63X2G | £222.85 |
| | 75/2 1/2" |  | G | - | 3017S.75X25G | £371.41 |
| | 90/3" |  | G | - | 3017S.90X3G | £623.97 |
| | 110/4" |  | G | - | 3017S.110X4G | £964.46 |
| Threaded Adaptor - Elbow, Socket Weld to Male BSP | | | | | | |
|  | 32/3/4" | 90 |  | G | - | 3017S.32X075.90G |
| | | | | | | £26.15 |
| Threaded Adaptor - Elbow, Socket Weld to Male Hex Nut BSP | | | | | | |
|  | 32/1" | 90 |  | G | - | 3017S.32X1.90G |
| | | | | | | £52.20 |
| Threaded Adaptor - Union, Socket Weld to Female Loose Nut BSP | | | | | | |
|  | 32/1/4" |  | G | - | 3019S.32X125G | £101.04 |
| | 32/1" |  | G | - | 3019S.32X1G | £63.35 |
| Threaded Adaptor - Union, Socket Weld to Male Hex Nut BSP | | | | | | |
|  | 20/1/2" |  | G | - | 3057S.20X05G | £28.52 |
| | 25/3/4" |  | G | - | 3057S.25X075G | £47.92 |
| | 32/1" |  | G | - | 3057S.32X1G | £62.43 |
| | 40/1/4" |  | G | - | 3057S.40X125G | £84.93 |
| | 50/1/2" |  | G | - | 3057S.50X15G | £148.17 |
| | 63/2" |  | G | - | 3057S.63X2G | £247.49 |
| | 75/2 1/2" |  | G | - | 3057S.75X25G | £464.66 |
| | 90/3" |  | G | - | 3057S.90X3G | £1,099.12 |
| | 110/4" |  | G | - | 3057S.110X4G | £1,388.32 |
| Threaded Adaptor - Union, Socket Weld to Female Hex Nut BSP | | | | | | |
|  | 20/1/2" |  | G | - | 3058S.20X05G | £30.83 |
| | 25/3/4" |  | G | - | 3058S.25X075G | £44.10 |
| | 32/1" |  | G | - | 3058S.32X1G | £64.11 |
| | 40/1/4" |  | G | - | 3058S.40X125G | £90.68 |
| | 50/1/2" |  | G | - | 3058S.50X15G | £136.48 |
| | 63/2" |  | G | - | 3058S.63X2G | £236.53 |
| | 75/2 1/2" |  | G | - | 3058S.75X25G | £419.96 |
| | 90/3" |  | G | - | 3058S.90X3G | £801.19 |
| | 110/4" |  | G | - | 3058S.110X4G | £1,015.80 |

| MecFlow Supply Systems - 3000 Fusion | | | | | | |
|---|---|---|--------------|--------------|---------------|--------|
| | Size mm | Col | Pack/ Box | Code | Price Each | |
|  | Saddle | | | | | |
| | Saddle / Socket - Saddle Weld / Socket Weld | | | | | |
| | 50/20 |  | G | - | 3054.50X20G | £12.90 |
| | 50/25 |  | G | - | 3054.50X25G | £13.89 |
| | 50/32 |  | G | - | 3054.50X32G | £14.70 |
| | 63/20 |  | G | - | 3054.63X20G | £12.90 |
| | 63/25 |  | G | - | 3054.63X25G | £14.70 |
| | 63/32 |  | G | - | 3054.63X32G | £14.70 |
| | 75/20 |  | G | - | 3054.75X20G | £12.90 |
| | 75/25 |  | G | - | 3054.75X25G | £13.89 |
| | 75/32 |  | G | - | 3054.75X32G | £14.70 |
| | 90/20 |  | G | - | 3054.90X20G | £12.90 |
| | 90/25 |  | G | - | 3054.90X25G | £13.89 |
| | 90/32 |  | G | - | 3054.90X32G | £14.70 |
| | 90/40 |  | G | - | 3054.90X40G | £25.66 |
| | 90/50 |  | G | - | 3054.90X50G | £28.82 |
| | 110/20 |  | G | - | 3054.110X20G | £12.90 |
| | 110/25 |  | G | - | 3054.110X25G | £13.89 |
| | 110/32 |  | G | - | 3054.110X32G | £14.70 |
| | 110/40 |  | G | - | 3054.110X40G | £25.66 |
| | 110/50 |  | G | - | 3054.110X50G | £28.82 |
| | 110/63 |  | G | - | 3054.110X63G | £33.76 |
| | 125/20 |  | G | - | 3054.125X20G | £12.90 |
| | 125/25 |  | G | - | 3054.125X25G | £13.89 |
| | 125/32 |  | G | - | 3054.125X32G | £14.70 |
| | 125/40 |  | G | - | 3054.125X40G | £25.66 |
| | 125/50 |  | G | - | 3054.125X50G | £28.82 |
| | 125/63 |  | G | - | 3054.125X63G | £33.76 |
| | 160/20 |  | G | - | 3054.160X20G | £12.90 |
| | 160/25 |  | G | - | 3054.160X25G | £13.89 |
| | 160/32 |  | G | - | 3054.160X32G | £14.70 |
| | 160/40 |  | G | - | 3054.160X40G | £25.66 |
| | 160/50 |  | G | - | 3054.160X50G | £28.82 |
| | 160/63 |  | G | - | 3054.160X63G | £33.76 |
| | 200/20 |  | G | - | 3054.200X20G | £12.90 |
| | 200/25 |  | G | - | 3054.200X25G | £13.89 |
| | 200/32 |  | G | - | 3054.200X32G | £14.70 |
| | 200/40 |  | G | - | 3054.200X40G | £25.66 |
| | 200/50 |  | G | - | 3054.200X50G | £28.82 |
| | 200/63 |  | G | - | 3054.200X63G | £33.76 |
| 250/40 |  | G | - | 3054.250X40G | £25.66 | |
| 250/50 |  | G | - | 3054.250X50G | £28.82 | |
| 250/63 |  | G | - | 3054.250X63G | £33.76 | |
| 315/40 |  | G | - | 3054.315X40G | £25.66 | |
| 315/50 |  | G | - | 3054.315X50G | £28.82 | |
| 315/63 |  | G | - | 3054.315X63G | £33.76 | |

| 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 | £15.89 |
| | 50 | 16 & 25 |  | G | - | 3080S.50G | £21.87 |
| | 63 | 16 & 25 |  | G | - | 3080S.63G | £29.61 |
| | 75 | 16 & 25 |  | G | - | 3080S.75G | £38.41 |
| | 90 | 16 & 25 |  | G | - | 3080S.90G | £47.91 |
| | 110 | 16 & 25 |  | G | - | 3080S.110G | £74.71 |
| 125 | 16 & 25 |  | G | - | 3080S.125G | £133.01 | |
|  | Spigot - Butt Weld | | | | | | |
| | 160 | 16 & 25 |  | G | - | 3080B.5.160G | £318.36 |
| | 200 | 16 & 25 |  | G | - | 3080B.5.200G | £219.56 |
| | 250 | 16 & 25 |  | G | - | 3080B.5.250G | £655.27 |
| 315 | 16 & 25 |  | G | - | 3080B.5.315G | £841.00 | |
| Backing Ring | | | | | | | |
|  | Fix with Nuts and Bolts | | | | | | |
| | 40 | 16 |  | G | - | 3081.40S | £25.72 |
| | 50 | 16 |  | G | - | 3081.50S | £32.88 |
| | 63 | 16 |  | G | - | 3081.63S | £32.88 |
| | 75 | 16 |  | G | - | 3081.75S | £38.68 |
| | 90 | 16 |  | G | - | 3081.90S | £51.54 |
| | 110 | 16 |  | G | - | 3081.110S | £55.76 |
| | 125 | 16 |  | G | - | 3081.125S | £197.63 |
| | 160 | 16 |  | G | - | 3081.160S | £117.31 |
| | 200 | 16 |  | G | - | 3081.200S | £152.30 |
| | 250 | 16 |  | G | - | 3081.250S | £289.43 |
| | 315 | 16 |  | G | - | 3081.315S | £480.31 |
| | 40 | 25 |  | G | - | 3081.40.25PN | £495.80 |
| | 50 | 25 |  | G | - | 3081.50.25PN | £538.59 |
| | 63 | 25 |  | G | - | 3081.63.25PN | £583.28 |
| | 75 | 25 |  | G | - | 3081.75.25PN | £640.52 |
| 90 | 25 |  | G | - | 3081.90.25PN | £640.52 | |
| 110 | 25 |  | G | - | 3081.110.25PN | £704.60 | |
| 125 | 25 |  | G | - | 3081.125.25PN | £845.41 | |
| 160 | 25 |  | G | - | 3081.160.25PN | £1,025.33 | |
| 200 | 25 |  | G | - | 3081.200.25PN | £1,078.35 | |
| 250 | 25 |  | G | - | 3081.250.25PN | £1,740.15 | |
| 315 | 25 |  | G | - | 3081.315.25PN | £2,055.30 | |

| MecFlow Supply Systems - 3000 Fusion | | | | | | | |
|---|-------------------------|-----------|-----|-----------|---------------|---------------|-----------|
| | Size mm | PN rating | Col | Pack/ Box | Code | Price Each | |
| Seal PN16 | | | | | | | |
|  | EPDM Seal | | | | | | |
| | 40 | 16 | A | G | - | 3082.40B | £6.85 |
| | 50 | 16 | A | G | - | 3082.50B | £6.85 |
| | 63 | 16 | A | G | - | 3082.63B | £9.91 |
| | 75 | 16 | A | G | - | 3082.75B | £13.60 |
| | 90 | 16 | A | G | - | 3082.90B | £12.33 |
| | 110 | 16 | A | G | - | 3082.110B | £15.39 |
| | 125 | 16 | A | G | - | 3082.125B | £5.69 |
| | 160 | 16 | A | G | - | 3082.160B | £27.30 |
| | 200 | 16 | A | G | - | 3082.200B | £8.85 |
| 250 | 16 | A | G | - | 3082.250B | £35.52 | |
| 315 | 16 | A | G | - | 3082.315B | £42.05 | |
| Seal PN25 | | | | | | | |
|  | 40 | 25 | A | G | - | 3082.40.25PN | £0.84 |
| | 50 | 25 | A | G | - | 3082.50.25PN | £1.16 |
| | 63 | 25 | A | G | - | 3082.63.25PN | £3.69 |
| | 75 | 25 | A | G | - | 3082.75.25PN | £4.95 |
| | 90 | 25 | A | G | - | 3082.90.25PN | £5.80 |
| | 110 | 25 | A | G | - | 3082.110.25PN | £6.85 |
| | 125 | 25 | A | G | - | 3082.125.25PN | £8.64 |
| | 160 | 25 | A | G | - | 3082.160.25PN | £11.91 |
| | 200 | 25 | A | G | - | 3082.200.25PN | £8.85 |
| | 250 | 25 | A | G | - | 3082.250.25PN | £35.52 |
| 315 | 25 | A | G | - | 3082.315.25PN | £42.05 | |
| Blank Flange PN16 | | | | | | | |
|  | Fix with Nuts and Bolts | | | | | | |
| | 40 | 16 | A | G | - | 3083.40S | £41.96 |
| | 50 | 16 | A | G | - | 3083.50S | £46.53 |
| | 63 | 16 | A | G | - | 3083.63S | £51.42 |
| | 75 | 16 | A | G | - | 3083.75S | £76.99 |
| | 90 | 16 | A | G | - | 3083.90S | £91.09 |
| | 110 | 16 | A | G | - | 3083.110S | £116.68 |
| | 125 | 16 | A | G | - | 3083.125S | £123.34 |
| | 160 | 16 | A | G | - | 3083.160S | £204.92 |
| | 200 | 16 | A | G | - | 3083.200S | £315.15 |
| 250 | 16 | A | G | - | 3083.250S | POA | |
| 315 | 16 | A | G | - | 3083.315S | POA | |
| Blank Flange PN25 | | | | | | | |
|  | 40 | 25 | A | G | - | 3083.40.25PN | £74.20 |
| | 50 | 25 | A | G | - | 3083.50.25PN | £116.99 |
| | 63 | 25 | A | G | - | 3083.63.25PN | £161.68 |
| | 75 | 25 | A | G | - | 3083.75.25PN | £218.92 |
| | 90 | 25 | A | G | - | 3083.90.25PN | £218.92 |
| | 110 | 25 | A | G | - | 3083.110.25PN | £283.00 |
| | 125 | 25 | A | G | - | 3083.125.25PN | £423.81 |
| | 160 | 25 | A | G | - | 3083.160.25PN | £603.73 |
| | 200 | 25 | A | G | - | 3083.200.25PN | £1,036.93 |
| | 250 | 25 | A | G | - | 3083.250.25PN | £1,609.88 |
| 315 | 25 | A | G | - | 3083.315.25PN | £2,210.03 | |

| MecFlow Supply Systems - 3000 Fusion | | | | | | |
|---|----------------------|-----|--------------|------|---------------|---------|
| | Size mm | Col | Pack/ Box | Code | Price Each | |
|  | End Cap | | | | | |
| | Socket - Socket Weld | | | | | |
| | 20 | A | G | - | 3030S.20G | £1.36 |
| | 25 | A | G | - | 3030S.25G | £2.09 |
| | 32 | A | G | - | 3030S.32G | £2.75 |
| | 40 | A | G | - | 3030S.40G | £4.44 |
| | 50 | A | G | - | 3030S.50G | £8.62 |
| | 63 | A | G | - | 3030S.63G | £13.01 |
| | 75 | A | G | - | 3030S.75G | £24.16 |
| | 90 | A | G | - | 3030S.90G | £42.75 |
|  | 110 | A | G | - | 3030S.110G | £61.37 |
| | 125 | A | G | - | 3030S.125G | £108.04 |
| | Spigot - Butt Weld | | | | | |
| | 160 | A | G | - | 3030B.5.160G | £218.68 |
| | 200 | A | G | - | 3030B.5.200G | £339.00 |
| | 250 | A | G | - | 3030B.5.250G | £400.04 |
| | 315 | A | G | - | 3030B.5.315G | POA |

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|---------------------------------|--------|-----------|------|---------------|--------|-----------|------|---------------------|--------|-----------|------|------------------|--------|-----------|------|
| Code | Colour | Price | Page | Code | Colour | Price | Page | Code | Colour | Price | Page | Code | Colour | Price | Page |
| MecFlow Fusion Manifolds | | | | 3054.160X25G | G | £13.89 | 14 | 3083.63S | G | £51.42 | 16 | 3016S.40X125G | G | £67.92 | 12 |
| 3088.50Y207S.2.HDX | G | £935.23 | 7 | 3054.160X32G | G | £14.70 | 14 | 3083.75S | G | £76.99 | 16 | 3016S.50X150G | G | £101.65 | 12 |
| 3088.50Y207S.2.VDX | G | £758.48 | 7 | 3054.160X40G | G | £25.66 | 14 | 3083.90S | G | £91.09 | 16 | 3016S.63X20G | G | £165.60 | 12 |
| 3088.50Y207S.3.HDX | G | £1,072.50 | 7 | 3054.160X50G | G | £28.82 | 14 | 3018S.150.45G | G | £341.04 | 10 | 3016S.75X25G | G | £298.05 | 12 |
| 3088.50Y207S.3.VDX | G | £995.76 | 7 | 3054.160X63G | G | £33.76 | 14 | 3018S.160.45G | G | £410.51 | 10 | 3016S.90X30G | G | £469.59 | 12 |
| 3088.50Y207S.4.HDX | G | £1,237.47 | 7 | 3054.200X25G | G | £13.89 | 14 | 3018S.5.200.45G | G | £599.55 | 10 | 3017S.110X4G | G | £964.46 | 13 |
| 3088.50Y207S.4.VDX | G | £1,160.72 | 7 | 3054.200X32G | G | £14.70 | 14 | 3018S.5.200.90G | G | £806.43 | 10 | 3017S.20X05G | G | £14.96 | 12 |
| 3088.50Y207S.5.HDX | G | £1,474.79 | 7 | 3054.200X40G | G | £25.66 | 14 | 3018S.5.250.45G | G | £994.79 | 10 | 3017S.25X05G | G | £15.80 | 12 |
| 3088.50Y207S.5.VDX | G | £1,397.99 | 7 | 3054.200X50G | G | £28.82 | 14 | 3018S.5.250.90G | G | £1,333.91 | 10 | 3017S.32X07S.90G | G | £21.56 | 12 |
| 3088.50Y207S.6.HDX | G | £1,639.76 | 7 | 3054.250X40G | G | £25.66 | 14 | 3018S.5.315.45G | G | £1,954.83 | 10 | 3017S.32X07S.90G | G | £26.15 | 13 |
| 3088.50Y207S.6.VDX | G | £1,563.01 | 7 | 3054.250X50G | G | £28.82 | 14 | 3018S.5.315.90G | G | £2,930.12 | 10 | 3017S.32X07S.90G | G | £41.49 | 13 |
| 3088.50Y207S.7.HDX | G | £1,877.04 | 7 | 3054.250X63G | G | £33.76 | 14 | 3018S.20.45G | G | £2.09 | 10 | 3017S.32X11G | G | £58.08 | 13 |
| 3088.50Y207S.7.VDX | G | £1,800.28 | 7 | 3054.315X40G | G | £25.66 | 14 | 3018S.20.90G | G | £1.32 | 10 | 3017S.40X125G | G | £122.32 | 13 |
| 3088.50Y207S.8.HDX | G | £2,042.04 | 7 | 3054.315X50G | G | £28.82 | 14 | 3018S.32.45G | G | £5.60 | 10 | 3017S.50X150G | G | £172.20 | 13 |
| 3088.50Y207S.8.VDX | G | £1,711.06 | 7 | 3054.315X63G | G | £33.76 | 14 | 3018S.32.90G | G | £5.60 | 10 | 3017S.63X20G | G | £222.85 | 13 |
| 3088.50Y207S.9.HDX | G | £1,965.44 | 7 | 3054.500X20G | G | £12.90 | 14 | 3018S.40.45G | G | £14.39 | 10 | 3017S.75X25G | G | £371.41 | 13 |
| 3088.50Y207S.9.VDX | G | £1,888.68 | 7 | 3054.500X25G | G | £13.89 | 14 | 3018S.40.90G | G | £13.08 | 10 | 3017S.90X30G | G | £623.97 | 13 |
| 3088.50Y207S.10.HDX | G | £2,130.26 | 7 | 3054.500X32G | G | £14.70 | 14 | 3018S.50.45G | G | £26.26 | 10 | 3018S.32X125G | G | £101.04 | 13 |
| 3088.50Y207S.10.VDX | G | £2,053.47 | 7 | 3054.630X20G | G | £12.90 | 14 | 3018S.50.90G | G | £22.50 | 10 | 3018S.32X125G | G | £63.35 | 13 |
| 3088.50Y207S.11.HDX | G | £2,337.61 | 7 | 3054.630X25G | G | £14.70 | 14 | 3018S.63.45G | G | £34.34 | 10 | 3024S.5.200X125G | G | £329.40 | 12 |
| 3088.50Y207S.11.VDX | G | £2,260.87 | 7 | 3054.75X20G | G | £12.90 | 14 | 3018S.63.90G | G | £29.51 | 10 | 3024S.5.200X160G | G | £215.02 | 12 |
| 3088.50Y207S.12.HDX | G | £2,472.72 | 7 | 3054.75X25G | G | £13.89 | 14 | 3018S.75.45G | G | £50.41 | 10 | 3024S.5.250X160G | G | £288.26 | 12 |
| 3088.50Y207S.12.VDX | G | £2,395.92 | 7 | 3054.75X32G | G | £13.89 | 14 | 3018S.75.90G | G | £50.61 | 10 | 3024S.5.250X200G | G | £317.26 | 12 |
| 3088.50Y207S.2.HX | G | £798.69 | 7 | 3054.900X20G | G | £12.90 | 14 | 3018S.90.45G | G | £114.70 | 10 | 3024S.5.315X200G | G | £1,632.00 | 12 |
| 3088.50Y207S.2.VX | G | £721.90 | 7 | 3054.900X25G | G | £13.89 | 14 | 3018S.90.90G | G | £95.78 | 10 | 3024S.5.315X250G | G | £1,295.67 | 11 |
| 3088.50Y207S.3.HX | G | £1,035.97 | 7 | 3054.900X32G | G | £14.70 | 14 | 3018S.110.45G | G | £131.23 | 10 | 3024S.110X05G | G | £95.67 | 11 |
| 3088.50Y207S.3.VX | G | £959.21 | 7 | 3054.900X40G | G | £25.66 | 14 | 3018S.110.90G | G | £157.40 | 10 | 3024S.110X05G | G | £95.67 | 12 |
| 3088.50Y207S.4.HX | G | £1,200.93 | 7 | 3054.900X50G | G | £28.82 | 14 | 3018S.125.45G | G | £210.94 | 10 | 3024S.110X05G | G | £96.36 | 12 |
| 3088.50Y207S.4.VX | G | £1,124.19 | 7 | 3081.40.25PN | G | £495.80 | 15 | 3018S.125.90G | G | £215.61 | 10 | 3024S.125X110G | G | £139.31 | 12 |
| 3088.50Y207S.5.HX | G | £1,438.20 | 7 | 3081.50.25PN | G | £538.59 | 15 | 3004S.5.250.90G | G | £1,089.65 | 10 | 3024S.125X05G | G | £123.48 | 12 |
| 3088.50Y207S.5.VX | G | £1,361.45 | 7 | 3081.63.25PN | G | £583.28 | 15 | 3004S.5.250.90G | G | £1,756.64 | 10 | 3024S.160X125G | G | £308.20 | 12 |
| 3088.50Y207S.6.HX | G | £1,603.22 | 7 | 3081.75.25PN | G | £640.52 | 15 | 3004S.5.315.90G | G | £3,022.25 | 10 | 3024S.25X20G | G | £1.39 | 11 |
| 3088.50Y207S.6.VX | G | £1,526.42 | 7 | 3081.90.25PN | G | £640.52 | 15 | 3004S.5.315.90G | G | £481.69 | 11 | 3024S.32X25G | G | £1.76 | 11 |
| 3088.50Y207S.7.HX | G | £1,840.49 | 7 | 3081.110.25PN | G | £704.60 | 15 | 3004S.5.315.90G | G | £511.90 | 11 | 3024S.32X25G | G | £1.76 | 11 |
| 3088.50Y207S.7.VX | G | £1,763.74 | 7 | 3081.125.25PN | G | £845.41 | 15 | 3004S.5.315.90G | G | £593.87 | 11 | 3024S.40X25G | G | £3.74 | 11 |
| 3088.50Y207S.8.HX | G | £1,751.27 | 7 | 3081.160.25PN | G | £1,025.33 | 15 | 3004S.5.315.90G | G | £932.45 | 11 | 3024S.40X25G | G | £7.36 | 11 |
| 3088.50Y207S.8.VX | G | £1,674.48 | 7 | 3081.200.25PN | G | £1,078.35 | 15 | 3004S.5.315.90G | G | £1,361.33 | 11 | 3024S.40X25G | G | £11.02 | 11 |
| 3088.50Y207S.9.HX | G | £1,928.89 | 7 | 3081.250.25PN | G | £1,240.15 | 15 | 3004S.5.315.90G | G | £1,557.28 | 11 | 3024S.50X20G | G | £11.57 | 11 |
| 3088.50Y207S.9.VX | G | £1,852.14 | 7 | 3081.315.25PN | G | £2,055.30 | 15 | 3004S.5.315.90G | G | £2,034.60 | 11 | 3024S.63X32G | G | £14.24 | 11 |
| 3088.50Y207S.10.HX | G | £2,093.73 | 7 | 3081.110S | G | £55.76 | 15 | 3004S.5.315.90G | G | £2,120.13 | 11 | 3024S.63X40G | G | £15.66 | 11 |
| 3088.50Y207S.10.VX | G | £2,016.93 | 7 | 3081.125S | G | £197.63 | 15 | 3004S.5.315.90G | G | £2,120.13 | 11 | 3024S.63X50G | G | £17.23 | 11 |
| 3088.50Y207S.11.HX | G | £2,301.08 | 7 | 3081.160S | G | £117.31 | 15 | 3004S.5.315.90G | G | £2.35 | 10 | 3024S.75X32G | G | £22.97 | 11 |
| 3088.50Y207S.11.VX | G | £2,224.33 | 7 | 3081.200S | G | £152.30 | 15 | 3004S.5.315.90G | G | £7.93 | 10 | 3024S.75X40G | G | £25.96 | 11 |
| 3088.50Y207S.12.HX | G | £2,436.13 | 7 | 3081.250S | G | £299.43 | 15 | 3004S.5.315.90G | G | £10.32 | 10 | 3024S.75X50G | G | £26.55 | 11 |
| 3088.50Y207S.12.VX | G | £2,359.38 | 7 | 3081.315S | G | £480.31 | 15 | 3004S.5.315.90G | G | £14.33 | 10 | 3024S.75X63G | G | £26.55 | 11 |
| | | | | 3081.40S | G | £25.72 | 15 | 3004S.63.90G | G | £27.08 | 10 | 3024S.90X30G | G | £40.33 | 11 |
| | | | | 3081.50S | G | £32.88 | 15 | 3004S.75.90G | G | £100.47 | 10 | 3024S.90X75G | G | £40.33 | 11 |
| | | | | 3081.63S | G | £32.88 | 15 | 3004S.90.90G | G | £143.08 | 10 | 3008S.5.160G | G | £218.68 | 17 |
| | | | | 3081.75S | G | £38.68 | 15 | 3004S.110.90G | G | £214.91 | 10 | 3008S.5.200G | G | £339.00 | 17 |
| | | | | 3081.90S | G | £51.54 | 15 | 3004S.125.90G | G | £285.24 | 10 | 3008S.5.250G | G | £400.04 | 17 |
| | | | | 3082.40.25PN | G | £30.84 | 16 | 3004S.110X03X10.90G | G | £123.13 | 11 | 3008S.5.315G | G | £104 | 17 |
| | | | | 3082.50.25PN | G | £1.16 | 16 | 3004S.110X05X10.90G | G | £174.84 | 11 | 3008S.5.315G | G | £61.37 | 17 |
| | | | | 3082.63.25PN | G | £3.69 | 16 | 3004S.110X09X10.90G | G | £214.91 | 11 | 3008S.125G | G | £108.04 | 17 |
| | | | | 3082.75.25PN | G | £4.95 | 16 | 3004S.25X20X25.90G | G | £2.71 | 11 | 3008S.25G | G | £1.36 | 17 |
| | | | | 3082.90.25PN | G | £5.80 | 16 | 3004S.32X20X25.90G | G | £5.21 | 11 | 3008S.25G | G | £2.09 | 17 |
| | | | | 3082.110.25PN | G | £6.85 | 16 | 3004S.32X25X25.90G | G | £4.55 | 11 | 3008S.32G | G | £2.75 | 17 |
| | | | | 3082.125.25PN | G | £8.64 | 16 | 3004S.40X20X40.90G | G | £7.77 | 11 | 3008S.40G | G | £4.44 | 17 |
| | | | | 3082.160.25PN | G | £11.91 | 16 | 3004S.40X25X40.90G | G | £7.85 | 11 | 3008S.50G | G | £3.62 | 17 |
| | | | | 3082.200.25PN | G | £8.85 | 16 | 3004S.40X32X40.90G | G | £14.73 | 11 | 3008S.63G | G | £13.01 | 17 |
| | | | | 3082.250.25PN | G | £35.52 | 16 | 3004S.50X25X50.90G | G | £17.56 | 11 | 3008S.75G | G | £24.16 | 17 |
| | | | | 3082.315.25PN | G | £42.05 | 16 | 3004S.50X32X50.90G | G | £27.46 | 11 | 3008S.90G | G | £42.75 | 17 |
| | | | | 3082.110B | G | £15.39 | 16 | 3004S.50X40X50.90G | G | £27.46 | 11 | 3057S.110X4G | G | £1,388.32 | 13 |
| | | | | 3082.125B | G | £5.69 | 16 | 3004S.63X32X63.90G | G | £46.23 | 11 | 3057S.20X05G | G | £28.52 | 13 |
| | | | | 3082.160B | G | £27.30 | 16 | 3004S.63X40X63.90G | G | £46.23 | 11 | 3057S.32X07S.90G | G | £47.92 | 13 |
| | | | | 3082.200B | G | £35.52 | 16 | 3004S.63X50X63.90G | G | £85.54 | 11 | 3057S.32X11G | G | £62.43 | 13 |
| | | | | 3082.250B | G | £35.52 | 16 | 3004S.75X32X75.90G | G | £55.01 | 11 | 3057S.40X125G | G | £84.93 | 13 |
| | | | | 3082.315B | G | £42.05 | 16 | 3004S.75X40X75.90G | G | £55.01 | 11 | 3057S.50X150G | G | £148.17 | 13 |
| | | | | 3082.40B | G | £6.85 | 16 | 3004S.75X50X75.90G | G | £55.01 | 11 | 3057S.63X20G | G | £247.49 | 13 |
| | | | | 3082.50B | G | £6.85 | 16 | 3004S.75X63X75.90G | G | £53.82 | 11 | 3057S.75X25G | G | £464.66 | 13 |
| | | | | 3082.63B | G | £9.91 | 16 | 3004S.90X50X90.90G | G | £77.49 | 11 | 3057S.90X30G | G | £1,099.12 | 13 |
| | | | | 3082.75B | G | £13.80 | 16 | 3004S.90X63X90.90G | G | £77.49 | 11 | 3058S.110X4G | G | £1,015.80 | 13 |
| | | | | 3082.90B | G | £12.33 | 16 | 3004S.90X90X90.90G | G | £12.33 | 11 | 3058S.20X05G | G | £23.83 | 13 |
| | | | | 3083.40.25PN | G | £74.20 | 16 | 3011S.110G | G | £71.41 | 9 | 3058S.32X07S.90G | G | £44.10 | 13 |
| | | | | 3083.50.25PN | G | £116.99 | 16 | 3011S.125G | G | £109.95 | 9 | 3058S.32X11G | G | | |



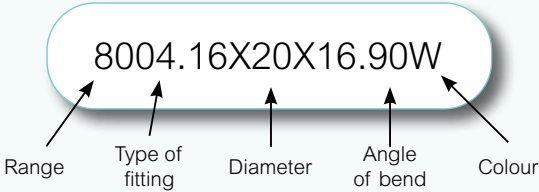
Introduction

MecFlow Press is a complete multi-layer composite piping system, specifically engineered for potable, hot and cold plumbing and heating applications. The system is available in a range of diameters from 16mm to 32mm and is certified to EN ISO 21003 with WRAS approval, ensuring its safety and compliance with UK industry regulations.

The system’s high-quality multi-layer composite pipe comprises three engineered layers: an inner layer of cross-linked polyethylene [PE-X] with a flexible butt-welded aluminium core and outer layer of raised temperature polyethylene [PE-RT]. These layers are bonded together using a specially formulated adhesive, creating a single, durable product that meets stringent requirements and offers exceptional functionality and durability.

Finally, the comprehensive range of MecFlow Press fittings are designed for optimal flow within the installation and provide a high-level of flexibility in terms of product application.

A Guide to the MecFlow Press
Numbering System



Range Series

8000 = MecFlow Press

Type of Fitting

- 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
- 900 = Tooling

Type of Fitting - Letter

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

Thread Sizes

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

Angle

- 45 = 45°
- 90 = 90°

Colour

- B - Brass
- BW - Brass and White
- T - Tooling
- W - White






Code Spacers

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.

| MecFlow Supply Systems - 8000 Press | | | | | | |
|---|------------------------|-------|-----|--------------|-------------------|---------------|
| | Size mm | Angle | Col | Pack/ Box | Code | Price Each |
| Pipe | | | | | | |
|  | Plain Ended - Straight | | | | | |
| | 16 (5m) | | W | 15 | 8000.16.50W | £33.26 |
| | 20 (5m) | | W | 10 | 8000.20.50W | £45.10 |
| | 26 (5m) | | W | 5 | 8000.26.50W | £70.04 |
|  | Plain Ended - Coiled | | | | | |
| | 16 (100m) | | W | 1 | 8000C.16.1000W | £497.26 |
| | 20 (100m) | | W | 1 | 8000C.20.1000W | £677.10 |
| | 26 (50m) | | W | 1 | 8000C.26.500W | £661.36 |
| | 32 (50m) | | W | 1 | 8000C.32.500W | £872.88 |
| Coupler | | | | | | |
|  | Double Socket | | | | | |
| | 16 | | W | 10 | 8010.16W | £8.00 |
| | 20 | | W | 10 | 8010.20W | £8.46 |
| | 26 | | W | 5 | 8010.26W | £13.23 |
| | 32 | | W | 5 | 8010.32W | £16.84 |
| Elbow | | | | | | |
|  | Double Socket | | | | | |
| | 26 | 45 | W | 5 | 8001.26.45W | £19.04 |
| | 32 | 45 | W | 5 | 8001.32.45W | £24.23 |
| | 16 | 90 | W | 10 | 8001.16.90W | £8.75 |
| | 20 | 90 | W | 10 | 8001.20.90W | £10.26 |
| | 26 | 90 | W | 5 | 8001.26.90W | £16.84 |
| | 32 | 90 | W | 5 | 8001.32.90W | £22.68 |
| Equal Tee | | | | | | |
|  | Triple Socket | | | | | |
| | 16 | 90 | W | 10 | 8004.16.90W | £13.23 |
| | 20 | 90 | W | 10 | 8004.20.90W | £15.33 |
| | 26 | 90 | W | 5 | 8004.26.90W | £22.68 |
| | 32 | 90 | W | 5 | 8004.32.90W | £29.94 |
| Reducing Tee | | | | | | |
|  | Triple Socket | | | | | |
| | 16/20/16 | 90 | W | 10 | 8004.16X20X16.90W | £15.33 |
| | 20/16/16 | 90 | W | 10 | 8004.20X16X16.90W | £16.10 |
| | 20/16/20 | 90 | W | 10 | 8004.20X16X20.90W | £16.10 |
| | 20/20/16 | 90 | W | 10 | 8004.20X20X16.90W | £17.55 |
| | 20/26/20 | 90 | W | 5 | 8004.20X26X20.90W | £22.68 |
| | 26/16/20 | 90 | W | 5 | 8004.26X16X20.90W | £22.68 |
| | 26/16/26 | 90 | W | 5 | 8004.26X16X26.90W | £22.68 |
| | 26/20/16 | 90 | W | 5 | 8004.26X20X16.90W | £22.00 |
| | 26/20/20 | 90 | W | 5 | 8004.26X20X20.90W | £22.68 |
| | 26/20/26 | 90 | W | 5 | 8004.26X20X26.90W | £22.68 |
| | 26/26/16 | 90 | W | 5 | 8004.26X26X16.90W | £23.42 |
| | 26/26/20 | 90 | W | 5 | 8004.26X26X20.90W | £24.23 |
| | 32/16/32 | 90 | W | 5 | 8004.32X16X32.90W | £31.49 |
| | 32/20/26 | 90 | W | 5 | 8004.32X20X26.90W | £30.78 |
| | 32/20/32 | 90 | W | 5 | 8004.32X20X32.90W | £29.94 |
| | 32/26/26 | 90 | W | 5 | 8004.32X26X26.90W | £34.68 |
| | 32/26/32 | 90 | W | 5 | 8004.32X26X32.90W | £30.78 |

| MecFlow Supply Systems - 8000 Press | | | | | | |
|---|--|-------|-----|--------------|------------------|---------------|
| | Size mm | Angle | Col | Pack/ Box | Code | Price Each |
| Reducer | | | | | | |
|  | Double Socket | | | | | |
| | 20/16 | | W | 10 | 8024.20X16W | £8.13 |
| | 26/16 | | W | 5 | 8024.26X16W | £13.23 |
| | 26/20 | | W | 5 | 8024.26X20W | £14.71 |
| | 32/20 | | W | 5 | 8024.32X20W | £19.04 |
| | 32/26 | | W | 5 | 8024.32X26W | £18.33 |
| Adaptor to Metal | | | | | | |
|  | Adaptor to Copper, Carbon Steel or Stainless Steel | | | | | |
| | 16/15 | | B | 10 | 8027.16X15B | £13.10 |
| | 20/22 | | B | 10 | 8027.20X22B | £17.78 |
| | 26/22 | | B | 5 | 8027.26X22B | £28.78 |
| | 32/28 | | B | 5 | 8027.32X28B | £27.46 |
| Threaded Adaptor | | | | | | |
|  | Threaded Adaptor Male | | | | | |
| | 16/1/2" | | B | 10 | 8017.16X05B | £11.07 |
| | 20/1/2" | | B | 10 | 8017.20X075B | £16.88 |
| | 20/1" | | B | 10 | 8017.20X1B | £30.26 |
| | 26/1/2" | | B | 5 | 8017.26X075B | £22.42 |
| | 26/1" | | B | 5 | 8017.26X1B | £27.88 |
| | 32/1" | | B | 5 | 8017.32X1B | £29.55 |
| | 32/1 1/4" | | B | 5 | 8017.32X125B | £38.94 |
|  | Threaded Adaptor Female | | | | | |
| | 16/1/2" | | W | 10 | 8017.16X05W | £7.20 |
| | 16/1/2" | | W | 10 | 8017.16X075W | £13.75 |
| | 20/1/2" | | W | 10 | 8017.20X05W | £9.36 |
|  | Threaded Adaptor - Elbow, Male | | | | | |
| | 16/1/2" | | B | 10 | 8016.16X05B | £11.23 |
| | 20/1/2" | | B | 10 | 8016.20X05B | £16.78 |
| | 20/1/2" | | B | 10 | 8016.20X075B | £19.07 |
| | 26/1/2" | | B | 5 | 8016.26X075B | £18.59 |
| | 26/1" | | B | 5 | 8016.26X1B | £27.10 |
|  | Threaded Adaptor - Elbow, Female | | | | | |
| | 32/1" | | B | 5 | 8016.32X1B | £32.20 |
| | 32/1 1/4" | | B | 5 | 8016.32X125B | £40.62 |
| | 16/1/2" | 90 | BW | 10 | 8017.16X05.90BW | £84.52 |
| | 20/1/2" | 90 | BW | 10 | 8017.20X05.90BW | £16.88 |
| | 20/1/2" | 90 | BW | 10 | 8017.20X075.90BW | £29.55 |
|  | Threaded Adaptor - Elbow, Female | | | | | |
| | 26/1/2" | 90 | BW | 5 | 8017.26X075.90BW | £33.00 |
| | 32/1" | 90 | BW | 5 | 8017.32X1.90BW | £42.42 |
| | 16/1/2" | 90 | BW | 10 | 8016.16X05.90BW | £51.55 |
| | 20/1/2" | 90 | BW | 10 | 8016.20X05.90BW | £16.88 |
| | 20/1/2" | 90 | BW | 10 | 8016.20X075.90BW | £25.36 |
| | Threaded Adaptor - Elbow, Female | | | | | |
| | 26/1/2" | 90 | BW | 5 | 8016.26X075.90BW | £28.13 |
| | 26/1/2" | 90 | BW | 5 | 8016.26X075.90BW | £33.88 |
| | 32/1" | 90 | BW | 5 | 8016.32X1.90BW | £54.91 |

Note:
Pressing contours for all MecFlow Press: F / TH
Connections to metal pressing contours: V / M

| MecFlow Supply Systems - 8000 Press | | | | | | | |
|---|--------------------------------|-------|-----|--------------|------|---------------------|--------|
| | Size mm | Angle | Col | Pack/ Box | Code | Price Each | |
| Threaded Adaptor | | | | | | | |
|  | Threaded Adaptor - Tee, Female | | | | | | |
| | 16/½" | 90 | ⚙️ | BW | 10 | 8046.16X05X16.90BW | £32.20 |
| | 20/½" | 90 | ⚙️ | BW | 10 | 8046.20X05X20.90BW | £37.26 |
| | 20¾" | 90 | ⚙️ | BW | 10 | 8046.20X075X20.90BW | £46.13 |
| | 26/½" | 90 | ⚙️ | BW | 5 | 8046.26X05X26.90BW | £43.88 |
| | 26¾" | 90 | ⚙️ | BW | 5 | 8046.26X075X26.90BW | £47.36 |
| | 32/½" | 90 | ⚙️ | BW | 5 | 8046.32X05X32.90BW | £59.20 |
| | 32¾" | 90 | ⚙️ | BW | 5 | 8046.32X075X32.90BW | £59.20 |
| | 32/1" | 90 | ⚙️ | BW | 5 | 8046.32X1X32.90BW | £63.49 |
| Threaded Adaptor - Transition Coupling | | | | | | | |
|  | 16/½" | | ⚙️ | BW | 10 | 8058.16X05BW | £16.88 |
| | 16¾" | | ⚙️ | BW | 10 | 8058.16X075BW | £16.88 |
| | 20¾" | | ⚙️ | BW | 10 | 8058.20X075BW | £19.46 |
| | 20/1" | | ⚙️ | BW | 10 | 8058.20X1BW | £23.75 |
| | 26¾" | | ⚙️ | BW | 5 | 8058.26X075BW | £42.42 |
| | 26/1" | | ⚙️ | BW | 5 | 8058.26X1BW | £28.78 |
| | 26/1¼" | | ⚙️ | BW | 5 | 8058.26X125BW | £33.88 |
| | 26/1½" | | ⚙️ | BW | 5 | 8058.26X15BW | £50.68 |
| | 32/1" | | ⚙️ | BW | 5 | 8058.32X1BW | £52.36 |
| | 32/1¼" | | ⚙️ | BW | 5 | 8058.32X125BW | £53.94 |
| | 32/1½" | | ⚙️ | BW | 5 | 8058.32X15BW | £69.78 |
| Threaded Adaptor - Transition Coupling Elbow | | | | | | | |
|  | 16/½" | 90 | ⚙️ | BW | 10 | 8058.16X05.90BW | £42.65 |
| | 16¾" | 90 | ⚙️ | BW | 10 | 8058.16X075.90BW | £43.07 |
| | 20¾" | 90 | ⚙️ | BW | 10 | 8058.20X075.90BW | £47.46 |
| | 26/1" | 90 | ⚙️ | BW | 5 | 8058.26X1.90BW | £91.55 |
| Threaded Adaptor - Wall Mount Elbow, 32mm offset | | | | | | | |
|  | 16/½" | 90 | ⚙️ | BW | 10 | 8015.16X05.35.90BW | £30.42 |
| | 20/½" | 90 | ⚙️ | BW | 10 | 8015.20X05.35.90BW | £46.52 |
| | 20¾" | 90 | ⚙️ | BW | 10 | 8015.20X075.35.90BW | £38.07 |
| | 26¾" | 90 | ⚙️ | BW | 5 | 8015.26X075.35.90BW | £56.65 |
| End Cap | | | | | | | |
|  | Single Socket | | | | | | |
| | 16 | | ⚙️ | W | 10 | 8030.16W | £7.33 |
| | 20 | | ⚙️ | W | 10 | 8030.20W | £8.75 |
| | 26 | | ⚙️ | W | 5 | 8030.26W | £13.91 |
| | 32 | | ⚙️ | W | 5 | 8030.32W | £15.71 |
| Radiator Connector | | | | | | | |
|  | Single Socket | | | | | | |
| | 16 | 90 | ⚙️ | W | 2 | 8001R.16.90W | £33.88 |
|  | 16 | 90 | ⚙️ | W | 2 | 8004R.16.90W | £52.88 |

| MecFlow Supply Systems - 8000 Press | | | | | | |
|---|-----------------------------|-------|---|--------------|-------------|---------------|
| | Size mm | Angle | Col | Pack/ Box | Code | Price Each |
| Tooling | | | | | | |
|  | Jaws - F Contour | | | | | |
| | 16 | |  | 1 | 8990.16T | £567.04 |
| | 20 | |  | 1 | 8990.20T | £567.04 |
| | 26 | |  | 1 | 8990.26T | £567.04 |
| | 32 | |  | 1 | 8990.32T | £638.07 |
|  | Jaws Mini - F Contour | | | | | |
| | 16 | |  | 1 | 8990M.16T | £581.36 |
| | 20 | |  | 1 | 8990M.20T | £581.36 |
| | 26 | |  | 1 | 8990M.26T | £590.78 |
| | 32 | |  | 1 | 8990M.32T | £639.42 |
|  | Deburring Tool | | | | | |
| | 16-32 | |  | 1 | 8980.16X32T | £271.30 |
| | | |  | | | |
| | | |  | | | |
| | | |  | | | |
|  | Bending Springs | | | | | |
| | 16 | |  | 1 | 8970.16T | £71.81 |
| | 20 | |  | 1 | 8970.20T | £86.04 |
|  | Cutters | | | | | |
| | 16-32 | |  | 1 | 8950.16X32G | £330.78 |
| | | |  | | | |
| | | |  | | | |
| | | |  | | | |
|  | Test Plugs | | | | | |
| | 16 | |  | 1 | 8960.16T | £32.13 |
| | 20 | |  | 1 | 8960.20T | £35.71 |
|  | Test Plugs - Including Vent | | | | | |
| | 26 | |  | 1 | 8960V.26T | £165.04 |
| | 32 | |  | 1 | 8960V.32T | £170.59 |

| Index | | | | Index | | | |
|-------------------------------|--------|---------|------|---------------------|--------|---------|------|
| Code | Colour | Price | Page | Code | Colour | Price | Page |
| MecFlow Press Fittings | | | | | | | |
| 8000.16.50W | W | £33.26 | 22 | 8017.20X05W | W | £9.36 | 23 |
| 8000.20.50W | W | £45.10 | 22 | 8017.20X075.90BW | BW | £33.00 | 23 |
| 8000.26.50W | W | £70.04 | 22 | 8017.20X075B | B | £16.88 | 23 |
| 8000.32.50W | W | £92.00 | 22 | 8017.20X075W | W | £11.23 | 23 |
| 8000C.16.1000W | W | £497.26 | 22 | 8017.20X1B | B | £30.26 | 23 |
| 8000C.20.1000W | W | £677.10 | 22 | 8017.26X075.90BW | BW | £42.42 | 23 |
| 8000C.26.500W | W | £961.36 | 22 | 8017.26X075B | B | £22.42 | 23 |
| 8000C.32.500W | W | £972.88 | 22 | 8017.26X1B | B | £27.88 | 23 |
| 8001.16.90W | W | £9.75 | 22 | 8017.32X1.90BW | BW | £51.55 | 23 |
| 8001.20.90W | W | £10.26 | 22 | 8017.32X125B | B | £38.94 | 23 |
| 8001.26.45W | W | £19.04 | 22 | 8017.32X1B | B | £29.55 | 23 |
| 8001.26.90W | W | £16.84 | 22 | 8024.20X16W | W | £8.13 | 23 |
| 8001.32.45W | W | £24.23 | 22 | 8024.26X16W | W | £13.23 | 23 |
| 8001.32.90W | W | £22.68 | 22 | 8024.26X20W | W | £14.71 | 23 |
| 8001R.16.90W | W | £33.88 | 24 | 8024.32X20W | W | £19.04 | 23 |
| 8004.16.90W | W | £13.23 | 22 | 8024.32X26W | W | £18.33 | 23 |
| 8004.16X20X16.90W | W | £15.33 | 22 | 8027.16X15B | B | £13.10 | 23 |
| 8004.20.90W | W | £15.33 | 22 | 8027.20X22B | B | £17.78 | 23 |
| 8004.20X16X16.90W | W | £16.10 | 22 | 8027.26X22B | B | £26.78 | 23 |
| 8004.20X16X20.90W | W | £16.10 | 22 | 8027.32X26B | B | £27.46 | 23 |
| 8004.20X20X16.90W | W | £17.55 | 22 | 8030.16W | W | £7.33 | 24 |
| 8004.20X20X20.90W | W | £22.68 | 22 | 8030.20W | W | £8.75 | 24 |
| 8004.26.90W | W | £22.68 | 22 | 8030.26W | W | £13.91 | 24 |
| 8004.26X16X20.90W | W | £22.68 | 22 | 8030.32W | W | £15.71 | 24 |
| 8004.26X16X26.90W | W | £22.68 | 22 | 8046.16X05X16.90BW | BW | £32.20 | 24 |
| 8004.26X20X16.90W | W | £22.00 | 22 | 8046.20X05X20.90BW | BW | £37.26 | 24 |
| 8004.26X20X20.90W | W | £22.68 | 22 | 8046.20X075X20.90BW | BW | £46.13 | 24 |
| 8004.26X20X26.90W | W | £22.68 | 22 | 8046.26X05X26.90BW | BW | £43.88 | 24 |
| 8004.26X26X16.90W | W | £23.42 | 22 | 8046.26X075X26.90BW | BW | £47.36 | 24 |
| 8004.26X26X20.90W | W | £24.23 | 22 | 8046.32X05X32.90BW | BW | £59.20 | 24 |
| 8004.32.90W | W | £29.94 | 22 | 8046.32X075X32.90BW | BW | £59.20 | 24 |
| 8004.32X16X32.90W | W | £31.49 | 22 | 8046.32X1X32.90BW | BW | £63.49 | 24 |
| 8004.32X20X32.90W | W | £29.94 | 22 | 8058.16X05.90BW | BW | £42.65 | 24 |
| 8004.32X26X26.90W | W | £34.68 | 22 | 8058.16X075.90BW | BW | £16.88 | 24 |
| 8004.32X26X32.90W | W | £30.78 | 22 | 8058.16X075BW | BW | £43.07 | 24 |
| 8004R.16.90W | W | £52.88 | 24 | 8058.20X075.90BW | BW | £16.88 | 24 |
| 8010.16W | W | £8.00 | 22 | 8058.20X075BW | BW | £47.46 | 24 |
| 8010.20W | W | £8.46 | 22 | 8058.20X075BW | BW | £19.46 | 24 |
| 8010.26W | W | £13.23 | 22 | 8058.20X1BW | BW | £23.75 | 24 |
| 8010.32W | W | £16.84 | 22 | 8058.26X075BW | BW | £42.42 | 24 |
| 8015.16X05.35.90BW | BW | £30.42 | 24 | 8058.26X1.90BW | BW | £91.55 | 24 |
| 8015.20X05.35.90BW | BW | £46.52 | 24 | 8058.26X125BW | BW | £33.88 | 24 |
| 8015.20X075.35.90BW | BW | £38.07 | 24 | 8058.26X15BW | BW | £50.68 | 24 |
| 8015.26X075.35.90BW | BW | £56.65 | 24 | 8058.26X18W | BW | £28.78 | 24 |
| 8016.16X05.90BW | BW | £16.88 | 23 | 8058.32X125BW | BW | £53.94 | 24 |
| 8016.16X05B | B | £16.78 | 23 | 8058.32X15BW | BW | £69.78 | 24 |
| 8016.20X05.90BW | BW | £25.36 | 23 | 8058.32X18W | BW | £52.36 | 24 |
| 8016.20X05B | B | £19.07 | 23 | 8900.16X32S | | £330.78 | 25 |
| 8016.20X075.90BW | BW | £28.13 | 23 | 8960.16T | | £32.13 | 25 |
| 8016.20X075B | B | £18.59 | 23 | 8960.20T | | £35.71 | 25 |
| 8016.26X075.90BW | BW | £33.88 | 23 | 8960V.26T | | £165.04 | 25 |
| 8016.26X075B | B | £27.10 | 23 | 8960V.32T | | £170.59 | 25 |
| 8016.26X1B | B | £32.20 | 23 | 8970.16T | | £71.81 | 25 |
| 8016.32X1.90BW | BW | £54.91 | 23 | 8970.20T | | £86.04 | 25 |
| 8016.32X125B | B | £94.52 | 23 | 8980.16X32T | | £271.30 | 25 |
| 8016.32X1B | B | £40.62 | 23 | 8990.16T | | £567.04 | 25 |
| 8017.16X05.90BW | BW | £16.88 | 23 | 8990.20T | | £567.04 | 25 |
| 8017.16X05B | B | £11.07 | 23 | 8990.26T | | £567.04 | 25 |
| 8017.16X05W | W | £7.20 | 23 | 8990.32T | | £638.07 | 25 |
| 8017.16X075W | W | £13.75 | 23 | 8990M.16T | | £581.36 | 25 |
| 8017.20X05.90BW | BW | £29.55 | 23 | 8990M.20T | | £581.36 | 25 |
| | | | | 8990M.26T | | £590.78 | 25 |
| | | | | 8990M.32T | | £639.42 | 25 |



MORE THAN FABRICATION

Polypipe Advantage is more than fabrication. But what do we mean by more?

From quotation to final delivery, you're in control. With access to our team of specialists, full details on scheduling and logistics, detailed information and visual designs – all at your fingertips.

Fabricated water supply systems and drainage stack solutions arrive on-site, fully configured and ready to install. Whilst a dedicated project manager and technical team cover every detail to ensure that it fits perfectly; first time, every time.

What's more, using the Polypipe Advantage Service gives you more time savings, more cost-effective installations and makes a complex project, simple. What more could you possibly need?



Introduction

Having pioneered the development of solvent-welded systems, Terrain soil and 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. Products are available in a range of colours.

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

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, 160, 200 and 250mm integrated systems
- Saves time and labour costs
- Also for use with Terrain roof outlets for rainwater drainage

200-Solvent Terrain Waste System

Solvent-welded MuPVC system

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

400-Traps Terrain Waste System

Push-fit polypropylene system

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

300-PushFit 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

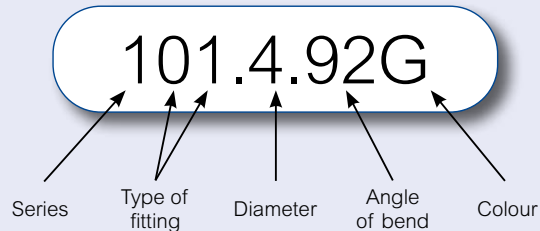
- 19mm PVCu pipe and fittings
- Range of tank connectors

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 Numbering 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
700P = PP Terrain Q
900 = HDPE FUZE

Type of Fitting

100 = Pipe
101 = Bend (Double Socket)
104 = Branch
106 = Corner Branches
107 = Bend (Spigot Socket)
110/111 = Couplings
13x = Access Fittings
(these numbers are the same for all series)

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
8 = 8" or 200mm O/D soil
10 = 10" or 250mm O/D soil

Colour

G - Grey - RAL 7023
B - Black - RAL 9005
W - White - RAL 9010
R - Rustic (Brown) - RAL 8016
T - Terracotta - RAL 8001

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.
















Soil Systems - 100 Solvent




















| | Size mm | Angle | Col | Pack/Box | Code | Price Each | |
|--|--|---|---|----------|----------|------------|---------|
| Soil pipe | | | | | | | |
|  | Plain ended. | | | | | | |
| | 82 (3m) |  | GBW | 2/88 | 100.3.30 | £131.84 | |
| | 82 (4m) |  | GBW | 2/88 | 100.3.40 | £172.66 | |
| | 110 (3m) |  | GBW | 2/48 | 100.4.30 | £128.25 | |
| | 110 (4m) |  | GBW | 2/48 | 100.4.40 | £170.92 | |
| | 160 (3m) |  | G | 1/33 | 100.6.30 | £349.36 | |
| | 160 (4m) |  | G | 1/33 | 100.6.40 | £456.63 | |
| For larger diameter pipes, please see page 35. 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 solvelling | | | | | | |
| | 82 |  | G | 10/120 | 109.3 | £14.80 | |
| | 110 |  | GBW | 10/80 | 109.4 | £13.82 | |
| | 160 |  | G | 5/60 | 109.6 | £39.07 | |
| Straight coupler double socket | | | | | | | |
|  | Double solvent socket. | | | | | | |
| | 82 |  | GBW | 5/85 | 110.3 | £22.83 | |
| | 110 |  | GBW | 5/60 | 110.4 | £27.76 | |
| | 160 |  | G | 10 | 110.6 | £82.39 | |
| Expansion coupler | | | | | | | |
|  | To allow expansion in longer pipe runs. Installation guide is in the technical manual. | | | | | | |
| | 82 |  | GBW | 5/65 | 111.3 | £34.92 | |
| | 110 |  | GBW | 10 | 111.4 | £33.92 | |
| | 160 |  | G | 3 | 111.6 | £107.52 | |
| Slip coupler | | | | | | | |
|  | Double ring seal socket. No central stop. | | | | | | |
| | 82 |  | G | 5/30 | 111.S.3 | £72.53 | |
| | 110 |  | GB | 5/15 | 111.S.4 | £61.02 | |
| | 160 |  | G | 5 | 111.S.6 | £131.82 | |
| Swept bend double socket | | | | | | | |
|  | (82mm) 92½° and 135° as standard. (110mm) 92½°, 104°, 112½° and 135° as standard. (160mm) 92½° and 135° as standard. | | | | | | |
| | 92½° Swept bend double socket | | | | | | |
| | 82 | 92½° |  | GBW | 5/40 | 101.3.92 | £57.39 |
| | 110 | 92½° |  | GBW | 10 | 101.4.92 | £65.24 |
| | 160 | 92½° |  | G | 2 | 101.6.92 | £170.91 |
| | 135° Swept bend double socket | | | | | | |
| | 82 | 135° |  | GBW | 5/50 | 101.3.135 | £57.39 |
| | 110 | 135° |  | GBW | 5/30 | 101.4.135 | £65.24 |
| | 160 | 135° |  | G | 4 | 101.6.135 | £167.16 |
| | Swept bend double socket Angle 104° | | | | | | |
| | 110 | 104° |  | G | 5/20 | 101.4.104 | £67.95 |
| | 110 | 112½° |  | GB | 5/20 | 101.4.112 | £67.95 |

Soil Systems - 100 Solvent

| | Size mm | Angle | Col | Pack/Box | Code | Price Each |
|---|--|--------------|--|----------|-------------|------------|
| Spigot socket bends | | | | | | |
|  | Long tail. | | | | | |
| | 82 | 92½ |    G | 5/40 | 107.3.92 | £56.69 |
| | 110 | 92½ |    GBW | 10 | 107.4.92 | £63.24 |
| | 110 | 135 |    GBW | 15 | 107.4.135 | £70.96 |
| Variable bend - adjustable 0-25° | | | | | | |
|  | Spigot/socket | | | | | |
| | 110 | 0-25 |    G | 10 | 101.4.025 | £124.76 |
| | Double spigot. | | | | | |
| | 110 | 0-25 |    G | 10 | 107.4.025 | £125.23 |
| Swept entry equal branch | | | | | | |
|  | With boss connections. | | | | | |
| | 104.3.92 | 2 boss horns | | | | |
| | 104.4.92 | 3 boss horns | | | | |
| | 104.6.92 | 5 boss horns | | | | |
| | 104.4.104 | 2 boss horns | | | | |
| | Connect to boss horns using 117 boss adaptors see page 34. | | | | | |
|  | 82 | 92½ |    GBW | 5/25 | 104.3.92 | £80.17 |
| | 110 | 92½ |    GBW | 7 | 104.4.92 | £86.29 |
| | 110 | 104 |  G | 5/10 | 104.4.104 | £109.05 |
| | 160 | 92½ |    G | 4 | 104.6.92 | £192.66 |
| | | | | | | |
| Single equal branch | | | | | | |
|  | No boss connections. Solvent weld all sockets. | | | | | |
| | 82 | 135 |    G | 5/25 | 104.3.135 | £80.17 |
| | 110 | 135 |    GBW | 6 | 104.4.135 | £90.04 |
| | 160 | 135 |  G | 3/54 | 104.6.135 | £367.72 |
| | 160 | 135 | G | 5 | 104AS.6.135 | £122.55 |
| Single branch spigot outlet | | | | | | |
|  | With boss connections. 4 boss horns. | | | | | |
| | 110 | 92½ |    GB | 4 | 104.104.92 | £112.50 |
| | Connect to boss horns using 117 boss adaptors see page 34. | | | | | |
| Single equal branch variable boss | | | | | | |
|  | 3 boss horns. 2 waste sockets. | | | | | |
| | Spigot outlet. | | | | | |
| | UNIQUE 110 | 92½ |    G | 4 | 104.412.92 | £199.12 |
| | Socket outlet | | | | | |
| | 110 | 92½ |    G | 3 | 104.422.92 | £202.85 |
| Insert plugs not sold separately. | | | | | | |
| Connect to boss horns using 117 boss adaptors see page 34. | | | | | | |



























| Soil Systems - 100 Solvent | | | | | | |
|--|-----------------------------------|---|---|----------|--------------|------------|
| | Size mm | Angle | Col | Pack/Box | Code | Price Each |
| Single unequal branch triple socket | | | | | | |
|  | 2 boss horns. | | | | | |
| | 160/110 | 92½ |   A G | 3 | 104.64.92 | £217.52 |
|  | No waste boss connections. | | | | | |
| | 160/110 | 135 |   A G | 2 | 104.64.135 | £228.75 |
| Corner branch all socket | | | | | | |
|  | 2 boss horns. | | | | | |
| | 110 | 92½ |   A G | 5 | 106.490.92 | £384.98 |
| UNIQUE Corner boss branch | | | | | | |
|  | 2 boss horns. 2 waste sockets. | | | | | |
| | Spigot outlet | | | | | |
| | 110 | 92½ |  A G | 7 | 106.490.12 | £446.20 |
| | Socket outlet | | | | | |
|  | 110 | 92½ |   A G | 3 | 106.490.22 | £446.20 |
| | Insert plugs not sold seperately. | | | | | |
| Double branch | | | | | | |
|  | 4 boss horns. | | | | | |
| | 110 | 92½ |   A G | 2 | 106.104.92 | £218.01 |
|  | Spigot outlet. | | | | | |
| | 110 | 135 |  G | 4 | 106.104.135* | £218.01 |
|  | 4 boss horns. | | | | | |
| | Socket outlet. | | | | | |
|  | 110 | 92½ |   A GW | 2 | 106.4.92 | £186.49 |
| | 2 bosses. | | | | | |
|  | 110 | 135 |  A G | 6 | 106.4.135* | £227.84 |
| | 82 | 92 |  A G | 10 | 106.3.92 | £83.91 |
|  | No bosses. Spigot outlet. | | | | | |
| | Cannot be used with 109.6. | | | | | |
| | 82 | 135 |  G | 8 | 106.3.135 | £148.51 |
| | 160 | 135 |  G | 1 | 106.6.135 | £138.41 |
| Double unequal branch | | | | | | |
|  | 2 boss horns. Socket outlet. | | | | | |
| | 160/110 | 92½ |   A G | 2 | 106.64.92 | £405.24 |
| Access pipe double socket | | | | | | |
|  | 110 |   | GBW | 10 | 138.4 | £68.58 |
| | 160 |  G | | 10 | 138.6* | £267.46 |
| *Cannot be used with 109.6 | | | | | | |

| Soil Systems - 100 Solvent | | | | | | |
|---|--|-------|----------|----------|------------|------------|
| | Size mm | Angle | Col | Pack/Box | Code | Price Each |
| Access pipe spigot outlet | | | | | | |
|  | 110 | | | | | |
| | 110 | | ☑ ☑ GBW | 10 | 139.4 | £70.28 |
|  | 160 | | | | | |
| | 160 | | ☑ ☑ G | 10 | 139.6* | £110.02 |
| *Cannot be used with 109.6 | | | | | | |
| Access pipe connector | | | | | | |
|  | 2 boss horns. | | | | | |
| | 82 | | ☑ ☑ GW | 12 | 137.3 | £143.46 |
|  | 4 boss horns. | | | | | |
| | 110 | | ☑ ☑ GBW | 8 | 137.4* | £88.16 |
| Access bend double socket | | | | | | |
|  | 110 92½ | | | | | |
| | 110 | 92½ | ☑ ☑ A GB | 24 | 103.4.92 | £180.99 |
| Single access branch triple socket | | | | | | |
|  | 4 boss horns. | | | | | |
| | 110 | 92½ | ☑ ☑ A G | 6 | 105.4.92 | £151.02 |
|  | No boss connections. | | | | | |
| | 160 | 135 | ☑ ☑ G | | S105.6.135 | £170.59 |
| Pipe access door | | | | | | |
|  | 82 | | | | | |
| | 82 | | ☑ ☑ G | 5 | 135.3 | £79.47 |
|  | 110 | | | | | |
| | 110 | | ☑ ☑ GB | 5/45 | 135.4 | £75.81 |
|  | 160 | | | | | |
| | 160 | | ☑ ☑ G | 5/50 | 135.6 | £139.44 |
| Access cap | | | | | | |
|  | 82 | | | | | |
| | 82 | | ☑ ☑ GBW | 5/70 | 136.3 | £54.05 |
|  | 110 | | | | | |
| | 110 | | ☑ ☑ GBW | 5/30 | 136.4 | £61.90 |
|  | 160 | | | | | |
| | 160 | | ☑ ☑ G | 5/35 | 136.6 | £122.55 |
| Note: Can be solvent welded to either pipe spigot or socket | | | | | | |
| Access door with test nipple | | | | | | |
|  | 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* | £95.49 |
| *Fabricated item. | | | | | | |
| Spare access door | | | | | | |
|  | Spare door for 139.4, 139P.4, 138.4, 137.4, 105.4.92 & 105P.4.92 | | | | | |
| | 110 | | ☑ ☑ G | 1 | 137.4.502 | £28.60 |






| Soil Systems - 100 Solvent | | | | | | |
|---|--|-------|-----------|----------|-----------|------------|
| | Size mm | Angle | Col | Pack/Box | Code | Price Each |
| Thermal movement limiter | | | | | | |
|  | To support horizontal long run. Galvanized 13 S.W.G Mild Steel | | | | | |
| | 82 | | ☑ ☑ Self | 20 | 190.3 | £115.14 |
|  | 110 | | | | | |
| | 110 | | ☑ ☑ Self | 5/15 | 190.4 | £121.75 |
|  | 160 | | | | | |
| | 160 | | ☑ ☑ Self | 5 | 190.6 | £198.58 |
| Intermediate support bracket | | | | | | |
|  | To support horizontal pipework. Galvanized 13 S.W.G Mild Steel | | | | | |
| | 82 | | ☑ ☑ Self | 30 | 191.3 | £58.60 |
|  | 110 | | | | | |
| | 110 | | ☑ ☑ Self | 20 | 191.4 | £61.89 |
|  | 160 | | | | | |
| | 160 | | ☑ ☑ Self | 10 | 191.6 | £85.23 |
| Two piece pipe bracket | | | | | | |
|  | Galvanised steel. Galvanized 13 S.W.G Mild Steel | | | | | |
| | 82 | | ☑ ☑ Self | 10/40 | 140.3 | £18.56 |
|  | 110 | | | | | |
| | 110 | | ☑ ☑ Self | 10/30 | 140.4 | £18.77 |
|  | 160 | | | | | |
| | 160 | | ☑ ☑ Self | 5/25 | 140.6 | £46.41 |
| One piece pipe bracket | | | | | | |
|  | Can be used as an anchor or intermediate support bracket. | | | | | |
| | 82 | | ☑ ☑ GBW | 10/150 | 143.3 | £13.26 |
|  | 110 | | | | | |
| | 110 | | ☑ ☑ GBW | 10/80 | 143.4 | £12.07 |
| Adjustable pipe bracket plastic coated | | | | | | |
|  | Self coloured backplate. | | | | | |
| | 110 | | ☑ ☑ BW | 1/30 | 144.4 | £25.02 |
| Weathering apron | | | | | | |
|  | Makes weathertight cover between soil pipe and lead slate at roof level. | | | | | |
| | For lead slates. | | | | | |
|  | 82 | | | | | |
| | 82 | | ☑ ☑ GB | 60 | 131.3 | £16.81 |
|  | 110 | | | | | |
| | 110 | | ☑ ☑ GBW | 5/90 | 131.4 | £18.45 |
|  | For asphalt upstand. | | | | | |
| | 82 | | ☑ ☑ G | 5/40 | 131.3.200 | £71.03 |
|  | 110 | | | | | |
| | 110 | | ☑ ☑ G | 30 | 131.4.200 | £67.79 |
| Weathering slates | | | | | | |
|  | Makes weathertight cover between soil pipe and lead slate at roof level. | | | | | |
| | Colours: Base - Aluminium. Cone - Black rubber | | | | | |
|  | For flat roof | | | | | |
| | 82 to 110 | | ☑ ☑ Alu/B | 20 | 149.16.00 | £195.63 |

| Soil Systems - 100 Solvent | | | | | | | |
|---|---------------------|---|---|--------------|-----------|---------------|--------|
| | Size mm | Angle | Col | Pack/ Box | Code | Price Each | |
| Vent Cowl | | | | | | | |
|  | 82 |  | G | 5/120 | 150.3 | £16.55 | |
| | 110 |  | GBW | 5/180 | 150.4 | £15.86 | |
| | 160 |  | G | 5/65 | 150.6 | £44.51 | |
| Duct cowl | | | | | | | |
| Stops rainwater from entering ventilation ducts. | | | | | | | |
|  | 110 |  | GB | 14 | 152.4 | £72.73 | |
| | 160 | | G | 12 | 152.6 | £188.53 | |
| Automatic air admittance valve | | | | | | | |
| 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 | 153.3 | £190.23 | |
| | 110 |  | W | 1/18 | 153.4 | £190.23 | |
| Pushfit Socket outlet | | | | | | | |
| Two part waste boss solvent socket | | | | | | | |
| 32mm waste socket | | | | | | | |
|  | 110/32 |  | G | 5/200 | 112.4.125 | £31.17 | |
| | 40mm waste socket | | | | | | |
| | 82/40 |  | G | 5/150 | 112.3.15 | £32.07 | |
| | 110/40 | | G | 5/150 | 112.4.15 | £31.17 | |
| | 50mm waste socket | | | | | | |
| | 110/50 |  | G | 5/100 | 112.4.2 | £31.63 | |
| | 160/50 |  | G | 5 | 112.6.2 | £45.34 | |
| Socket plug | | | | | | | |
| For use with 117 boss horn | | | | | | | |
|  | 110 | | G | 5/50 | 130.4 | £39.18 | |
| | 160 | | G | 5/35 | 130.6 | £75.39 | |
| Self locking boss seal ring socket | | | | | | | |
| Installation guide is in the technical manual. | | | | | | | |
| For 32mm waste pipe. | | | | | | | |
|  | 110/32 |  |  | G | 10/130 | 122.4.125 | £42.39 |
| | For 40mm waste pipe | | | | | | |
| | 110/40 |  |  | GB | 10/100 | 122.4.15 | £44.28 |
| Single bossed pipe connector double socket | | | | | | | |
| 32mm waste socket | | | | | | | |
|  | 110/32 |  |  | GBW | 5/30 | 120.4.125 | £23.34 |
| | 40mm waste socket | | | | | | |
| | 110/40 |  |  | GBW | 5/30 | 120.4.15 | £23.34 |
| 50mm waste socket | | | | | | | |
| | 110/50 |  | | GBW | 5/30 | 123.4* | £24.62 |
| *Requires 117 boss horn. For 50mm use 117 2 | | | | | | | |

Soil Systems - 100 Solvent

| | Size mm | Angle | Col | Pack/ Box | Code | Price Each |
|--|--|-------|-----|--------------|------|---------------|
| Single bossed pipe connector double socket | | | | | | |
|  | Spigot outlet. For 40mm waste socket. 110/40   G 5/30 120.412.15 £23.11 | | | | | |
| Double bossed pipe connector double socket | | | | | | |
|  | 2 50mm waste sockets. 2 blanking plugs. For 50mm waste pipes (40mm with adaptor). 82/50   G 5/30 120.3.2 £49.23 Insert plugs not sold separately. | | | | | |
| Triple bossed pipe connector double socket | | | | | | |
|  | For 40mm waste pipe. 1 blank plug. That reduces to 32mm socket. 110/40   G 5/25 121.4.15 £38.69 Insert plug not sold separately. | | | | | |
| Four way boss double socket | | | | | | |
|  | 2x boss horns, 2x waste sockets. Socket outlet. 110   GB 9 120.4.2 £37.92 160  G 4 120.6.2 £123.81 | | | | | |
| Four way boss pipe solvent socket/spigot | | | | | | |
|  | 2x boss horns, 2x waste sockets. Spigot outlet. 110  G 5/15 120.412.2 £38.69 | | | | | |
| UNIQUE | | | | | | |
| Universal soil manifold | | | | | | |
|  | 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 37. 110  G 5 119.412.15 £119.21 | | | | | |
| Reducer spigot/socket | | | | | | |
|  | 82/50   G 5/90 124.3.2 £34.73 110/50   GBW 5/60 124.4.2 £42.10 110/82   GBW 5/60 124.4.3 £43.41 160/110   G 5/45 124.6.4 £92.48 | | | | | |

Soil Systems - 100 Solvent










| | Size mm | Angle | Col | Pack/ Box | Code | Price Each |
|---|--|-------|-----|--------------|-------------------------|---------------|
| Straight boss adaptor ring seal socket | | | | | | |
|  | For 32mm waste pipe. For use on 58mm boss horn. | | | | | |
| | 58/32 | | ♥ | GBW | 10/180 117.125 | £12.21 |
| | For 40mm waste pipe. For use on 58mm boss horn. | | | | | |
| | 58/40 | | ♥ | GBW | 5/160 117.15 | £12.21 |
| For 50mm waste pipe. For use on 58mm boss horn. | | | | | | |
| | 58/50 | | ♥ | GBW | 5 117.2 | £17.38 |
| Requires seal 9132, found on page 46. | | | | | | |
| Boss adaptor bend solvent socket | | | | | | |
|  | For 40mm waste pipe. For use on 58mm boss horn. | | | | | |
| | 58/40 | 90 | ♥ ♠ | GW | 10/130 117.15.90 | £18.19 |
| | For 50mm waste pipe. For use on 58mm boss horn. | | | | | |
| | 58/50 | 90 | ♥ ♠ | GW | 10/190 117.2.90 | £21.82 |
| | 58/50 | 150 | ♥ ♠ | G | 10/120 117.2.150 | £19.82 |
| Adaptor to underground drain | | | | | | |
|  | Push-fit into bore of underground pipe. External use only. Material EN681 rubber. | | | | | |
| | 110/82 | | B | 5/50 | 4DW3 | £57.07 |
| 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 | 115P.4 | £26.14 |
| PVCu caulking bush | | | | | | |
|  | To connect soil pipe to sockets of other material. | | | | | |
| | 110 | | ♥ | G | 5/15 132.4 | £54.31 |

Soil Systems - 100P Push-fit

| | Size mm | Angle | Col | Pack/Box | Code | Price Each | |
|---|--------------------------------|---|---|----------|-------------|------------|---------|
| Soil pipe single socket ended | | | | | | | |
|  | 82 (3m) |  | G | 1/88 | 100P.3.30 | £116.69 | |
| | 82 (4m) |  | G | 1/88 | 100P.3.40 | £158.09 | |
| | 110 (3m) |  | GB | 2/67 | 100P.4.30 | £115.21 | |
| | 110 (4m) |  | G | 2/67 | 100P.4.40 | £154.76 | |
| | 160 (3m) |  | G | 1/33 | 100P.6.30 | £321.75 | |
| | 160 (4m) |  | G | 1/33 | 100P.6.40 | £429.16 | |
| 110mm and 160mm Grey pipe now with up to 65% recycled content | | | | | | | |
| Soil pipe plain ended | | | | | | | |
|  | 200 (4m) | | G | 1 | 100.8.40 | £545.53 | |
| | 250 (4m) | | G | 1 | 100.10.40 | £780.43 | |
| Slip coupler double socket | | | | | | | |
|  | No central stop. | | | | | | |
| | 110 |  | G | 5/40 | 111.SP4 | £48.34 | |
| Straight coupler double socket | | | | | | | |
|  | With central stop. | | | | | | |
| | 82 |  | G | 10/30 | 110P.3 | £45.80 | |
| | 110 |  | GB | 5/40 | 110P.4 | £38.81 | |
| | 160 |  | G | 5 | 110P.6 | £96.49 | |
| | 200 |  | G | 68 | 110P.8 | £108.65 | |
| | 250 |  | G | 2 | 110P.10 | £169.97 | |
| Pipe end socket spigot/socket | | | | | | | |
|  | 82 |  | G | 10/60 | 111P.3 | £25.49 | |
| | 110 |  | GB | 20 | 111P.4 | £27.14 | |
| | 160 |  | G | 5/15 | 111P.6 | £88.88 | |
| Swept bend spigot/socket | | | | | | | |
|  | 92½° Swept bend spigot/socket: | | | | | | |
| | 82 | 92½° |  | G | 5/25 | 101P.3.92 | £56.93 |
| | 110 | 92½° |  | GB | 10 | 101P.4.92 | £58.31 |
| | 160 | 92½° |  | G | 4 | 101P.6.92 | £187.42 |
| | 200 | 92½° |  | G | 1/3 | 101P.8.92 | £319.16 |
| | 112° Swept bend spigot/socket: | | | | | | |
| | 110 | 112½° |  | G | 10 | 101P.4.112 | £67.82 |
| | 135° Swept bend spigot/socket: | | | | | | |
| | 82 | 135° |  | G | 5/40 | 107P.3.135 | £50.07 |
| | 110 | 135° |  | GB | 15 | 107P.4.135 | £58.89 |
| 160 | 135° |  | G | 8 | 107P.6.135 | £177.49 | |
| 200 | 135° |  | G | 50 | 107P.8.135 | £218.01 | |
| 250 | 135° |  | G | 2 | 107P.10.135 | £290.20 | |
| Tight radius bend spigot/socket | | | | | | | |
|  | 110 | 92½° |  | G | 10 | 107P.4.92 | £60.15 |

Soil Systems - 100P Push-fit

| | Size mm | Angle | Col | Pack/ Box | Code | Price Each |
|---|---------|--------|-----|--------------|-----------------|---------------|
| UNIQUE | | | | | | |
| 2 Part variable bend | | | | | | |
|  | 110 | 20-87½ | ⌘ | G | 1/8 107P.4.VAR | £114.53 |
| Double socket bend | | | | | | |
|  | 110 | 92½ | ⌘ | G | 5/15 101D.4.92 | £71.78 |
| Single branch spigot outlet | | | | | | |
| With boss connections. | | | | | | |
| 2 boss horns. | | | | | | |
|  | 82 | 92½ | ⌘⌘ | G | 5/15 104P.3.92 | £91.06 |
| 5 boss horns. | | | | | | |
|  | 110 | 92½ | ⌘ | GB | 8 104P.4.92 | £78.65 |
| | 160 | 92½ | ⌘⌘ | G | 4 104P.6.92 | £217.17 |
| | 110 | 112½ | | G | 5 104P.4.112 | £115.66 |
| Single unequal branch spigot outlet | | | | | | |
| 5 boss horns. | | | | | | |
|  | 160/110 | 87½ | ⌘ | G | 5 104P.64.92 | £213.69 |
| No boss horns. | | | | | | |
|  | 160/110 | 135 | ⌘ | G | 4 104P.64.135 | £213.69 |
| | 200/110 | 135 | ⌘ | G | 2 104P.84.135 | £272.65 |
| | 200/160 | 135 | ⌘ | G | 2 104P.86.135 | £413.73 |
| | 250/160 | 135 | ⌘ | G | 6 104P.106.135 | £403.26 |
| | 250/200 | 135 | ⌘ | G | 1 104P.108.135 | £414.49 |
| Single equal branch plain | | | | | | |
| No boss connections. | | | | | | |
|  | 200 | 92½ | | G | 1/2 104P.8.92 | £456.70 |
| | 82 | 135 | ⌘ | G | 4/20 104P.3.135 | £148.46 |
| | 110 | 135 | ⌘⌘ | G | 6 104P.4.135 | £82.71 |
| | 160 | 135 | ⌘ | G | 4 104P.6.135 | £169.85 |
| | 200 | 135 | ⌘ | G | 20 104P.8.135 | £200.70 |
| | 250 | 135 | ⌘ | G | 8 104P.10.135 | £521.11 |
| UNIQUE | | | | | | |
| Corner boss branch | | | | | | |
| Spigot outlet | | | | | | |
|  | 110 | 92½ | | G | 1/6 106E.490.12 | £428.00 |

| Soil Systems - 100P Push-fit | | | | | | |
|--|---------|--|-----|--------------|-------------|---------------|
| | Size mm | Angle | Col | Pack/ Box | Code | Price Each |
| Corner branch spigot outlet | | | | | | |
|  | 110 | 92½ | G | 2 | 106P.490.92 | £194.30 |
| Single branch socket outlet | | | | | | |
| No boss connections. | | | | | | |
|  | 110 | 135 | G | 12 | 104E.4.135 | £91.30 |
| Branch socket outlet | | | | | | |
| 3 boss horns. | | | | | | |
|  | 110 | 92½ | G | 9 | 104E.4.92 | £90.97 |
| UNIQUE Single equal branch variable boss | | | | | | |
| 3 boss horns. 2 50mm waste sockets with blanking plugs. | | | | | | |
|  | 110 | 92½ | G | 4 | 104E.412.92 | £203.99 |
| Adjustable bend spigot outlet | | | | | | |
|  | 110 | 0-25  | G | 5/25 | 107P.4.025 | £128.17 |
| Double equal branch spigot outlet | | | | | | |
| 4 boss connections. | | | | | | |
|  | 110 | 92½  | G | 2 | 106P.4.92 | £214.29 |
| No boss connections. | | | | | | |
|  | 82 | 135 | G | 8 | 106P.3.135 | £147.52 |
| | 110 | 135 | G | 4 | 106P.4.135 | £214.29 |

| Soil Systems - 100P Push-fit | | | | | | | |
|--|---------|-------|-----|----------|-----------|------------|---------|
| | Size mm | Angle | Col | Pack/Box | Code | Price Each | |
| Access pipe and cover single socket | | | | | | | |
|  | 82 | ▽ | GB | 10 | 139P.3 | £114.06 | |
|  | 110 | ▽ | GB | 10 | 139P.4 | £106.53 | |
| Access door aperture size: 172 x 130mm diameter – secured by 2 screws. | | | | | | | |
|  | 160 | ▽ | G | 1/5 | 139P.6 | £234.76 | |
| | 200 | | G | | 139P.8 | £158.28 | |
| | 250 | | G | 16 | 139P.10 | £587.94 | |
| Access bend single socket | | | | | | | |
| Access door aperture size: 110 x 80mm diameter – secured by locking mechanism (use self tapping screw for anti-vandal locking). | | | | | | | |
|  | 82 | 92½ | G | 12 | 103P.3.92 | £224.20 | |
| | 110 | 92½ | G | 10 | 103P.4.92 | £164.07 | |
| | 160 | 92½ | G | 6 | 103P.6.92 | £433.62 | |
| Access single equal branch single outlet | | | | | | | |
| With waste boss connections. 4 boss horns. | | | | | | | |
| Access door aperture size: 114 x 80mm diameter – secured by locking mechanism (use self tapping screw for anti-vandal locking). | | | | | | | |
|  | 82 | 92½ | G | 10 | 105P.3.92 | £205.45 | |
| | 110 | 92½ | PA | G | 4 | 105P.4.92 | £192.03 |
| Access door with test nipple | | | | | | | |
| Standard oval access door with test nipple for manometer connection. | | | | | | | |
|  | 127 | | G | 50 | 6592/DVW* | £95.49 | |
| *Fabricated item. | | | | | | | |
| Spare access door | | | | | | | |
| Spare door for 139.4, 139P.4, 138.4, 137.4, 105.4.92 & 105P.4.92 | | | | | | | |
|  | 110 | | G | 1 | 137.4.502 | £28.60 | |
| Access Cap | | | | | | | |
| Spigot outlet. | | | | | | | |
|  | 82 | ▽ | PA | GB | 5/40 | 136P.3 | £46.43 |
| | 110 | | PA | GB | 24 | 136P.4 | £52.26 |
| | 160 | | PA | G | 15 | 136P.6 | £128.79 |
































































| Soil Systems - 100P Push-fit | | | | | | |
|---|--------------|-------|-----|----------|------------|------------|
| | Size mm | Angle | Col | Pack/Box | Code | Price Each |
| Strap-on boss | | | | | | |
| For 32mm waste pipe. | | | | | | |
|  | 110/32 | PA | GB | 10/100 | 112P.4.125 | £26.49 |
| For 40mm waste pipe. | | | | | | |
| | 110/40 | PA | GB | 10/90 | 112P.4.15 | £26.49 |
| For 50mm waste pipe. | | | | | | |
| | 110/50 | PA | GB | 10/80 | 112P.4.2 | £26.80 |
| Straight boss adaptors | | | | | | |
| For 32mm waste pipe. Use on 82, 110 & 160mm stacks. | | | | | | |
|  | 82, 110, 160 | ▽ | GBW | 10/180 | 117.125 | £12.21 |
| For 40mm waste pipe. Use on 82, 110 & 160mm stacks. | | | | | | |
| | 82, 110, 160 | ▽ | GBW | 5/160 | 117.15 | £12.21 |
| For 50mm waste pipe. Use on 82, 110 & 160mm stacks. | | | | | | |
| | 82, 110, 160 | ▽ | GBW | 5 | 117.2 | £17.38 |
| 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 | 115P.4 | £26.14 |
| Reducers | | | | | | |
|  | 82/50 | ▽ PA | G | 5/85 | 124P.3.2 | £42.78 |
| | 110/50 | PA | G | 5/60 | 124P.4.2 | £56.79 |
| | 110/82 | PA | G | 5/30 | 124P.4.3 | £56.79 |
| | 160/110 | ▽ PA | G | 5/15 | 124P.6.4 | £85.79 |
| | 200/110 | PA | G | 12 | 124P.8.4 | £88.70 |
| | 200/160 | PA | G | 96 | 124P.8.6 | £90.45 |
| | 250/110 | PA | G | 1 | 124P.10.4 | £100.24 |
| | 250/160 | PA | G | 85 | 124P.10.6 | £114.15 |
| | 250/200 | PA | G | 6 | 124P.10.8 | £123.96 |
| Short bossed pipe | | | | | | |
| With boss connection. | | | | | | |
| For use with 117 boss horn, see page 34. | | | | | | |
|  | 82 | ▽ PA | G | 5/15 | 123P.3 | £33.76 |
| | 110 | PA | GB | 10 | 123P.4 | £32.54 |
| Three way bossed pipe | | | | | | |
| 1 boss horn, 2 x 40mm waste bosses. | | | | | | |
|  | 82 | | G | 5 | 123P.312 | £69.69 |

| Soil Systems - 100P Push-fit | | | | | | |
|--|---------|-------|-----|----------|------------|------------|
| | Size mm | Angle | Col | Pack/Box | Code | Price Each |
| Four way boss pipe push-fit socket/spigot | | | | | | |
| 2 boss horns. 2 waste sockets. | | | | | | |
|  | 110 | ▽ PA | G | 5/15 | 120P.412.2 | £41.93 |
| | 160 | | G | 4 | 120P.612.2 | £136.93 |
| Triple boss collar | | | | | | |
| 2 boss horns. 1 waste socket. | | | | | | |
|  | 110/40 | PA | GB | 10/30 | 120P.4.15 | £32.54 |
| Cannot be used with 109.4 | | | | | | |
| Socket Plug | | | | | | |
| With boss horn. | | | | | | |
|  | 110 | ▽ | G | 5/50 | 130.4 | £39.18 |
| | 160 | ▽ | G | 5/35 | 130.6 | £75.39 |
| Universal soil manifold | | | | | | |
| For Push-fit waste connections. | | | | | | |
| For connection of BS 5254/BS 5255 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. | | | | | | |
| For solvent version see page 34. | | | | | | |
|  | 110 | | G | 5 | 119P.4.15 | £121.00 |








Soil Systems - 200 Solvent

| | Size mm | Angle | Col | Pack/Box | Code | Price Each |
|--|---------|-------|-----|----------|-------------------|---------------|
| Waste pipe | | | | | | |
| Plain ended. | | | | | | |
|  | 32 (3m) | ↙ | GW | 5 | 200.125.30 | £27.95 |
| | 32 (4m) | ↙ | GBW | 5 | 200.125.40 | £37.25 |
| | 40 (3m) | ↙ | GW | 5 | 200.15.30 | £34.54 |
| | 40 (4m) | ↙ | GBW | 5 | 200.15.40 | £46.07 |
| | 50 (3m) | ↙ | GW | 5 | 200.2.30 | £53.13 |
| | 50 (4m) | ↙ | GBW | 5 | 200.2.40 | £69.48 |
| Seal ring adaptor | | | | | | |
| To convert 50mm 207.2 spigot socket bends to expansion fitting. | | | | | | |
|  | 50 | | GW | 5/250 | 209.2 | £13.89 |
| Straight coupler double socket | | | | | | |
|  | 32 | ↙ | GBW | 10/350 | 210.125 | £5.81 |
| | 40 | ↙ | GBW | 10/240 | 210.15 | £5.78 |
| | 50 | ↙ | GBW | 10/120 | 210.2 | £10.54 |
| Union double socket | | | | | | |
| Threaded union for easy disconnection if required. | | | | | | |
|  | 32 | ↙ | G | 5/200 | 211.125 | £24.83 |
| | 40 | ↙ | G | 5/125 | 211.15 | £32.47 |
| | 50 | ↙ | G | 5/90 | 211.2 | £37.02 |
| Expansion coupler seal ring and solvent socket | | | | | | |
| Installation guide is in the technical manual. | | | | | | |
|  | 32 | ↙ | GW | 10/240 | 225.125 | £10.21 |
| | 40 | ↙ | GW | 10/180 | 225.15 | £12.61 |
| | 50 | ↙ | GW | 5/100 | 225.2 | £16.68 |
| Spigot/socket coupler | | | | | | |
| To create a close-coupled expansion joint for all MuPVC fittings. | | | | | | |
|  | 32 | ↙ | GW | 5/250 | 227.125 | £10.43 |
| | 40 | ↙ | GW | 5/180 | 227.15 | £12.80 |
| | 50 | ↙ | G | 5/100 | 227.2 | £17.02 |








Soil Systems - 200 Solvent

| | Size mm | Angle | Col | Pack/Box | Code | Price Each | |
|---|---------|---|---|----------|-------------------|--------------------|----------------|
| Swept bend double socket | | | | | | | |
| 91¼°, 135° and 165° as standard. | | | | | | | |
| For 91¼° swept bend. | | | | | | | |
|  | 32 | 91¼ |   | GBW | 20/220 | 201.125.91 | £5.91 |
| | 40 | 91¼ |   | GBW | 10/140 | 201.15.91 | £6.53 |
| | 50 | 91¼ |   | GBW | 10/70 | 201.2.91 | £11.56 |
| For 135° swept bend | | | | | | | |
|  | 32 | 135 |   | GBW | 10/280 | 201.125.135 | £5.91 |
| | 40 | 135 |   | GBW | 10/200 | 201.15.135 | £6.53 |
| | 50 | 135 |   | GBW | 10/100 | 201.2.135 | £11.56 |
| For 165° swept bend | | | | | | | |
|  | 32 | 165 |   | G | 10/320 | 201.125.165 | £9.14 |
| | 40 | 165 |   | G | 5/200 | 201.15.165 | £11.82 |
| | 50 | 165 |   | G | 5/250 | 201.2.165 | £15.56 |
| Spigot/socket bends | | | | | | | |
| To change pipe direction in limited-space situations: 92¼° and 150° as standard. | | | | | | | |
|  | 32 | 92¼ |   | GBW | 10/160 | 207.125.92 | £9.67 |
| | 40 | 92¼ |   | GBW | 10/100 | 207.15.92 | £11.06 |
| | 50 | 92¼ |   | GW | 5/50 | 207.2.92 | £15.78 |
| | 32 | 135 |   | GBW | 10/300 | 207.125.135 | £9.81 |
| | 40 | 135 |   | GBW | 10/180 | 207.15.135 | £11.49 |
| | 50 | 135 |   | GW | 5/100 | 207.2.135 | £16.06 |
| | 32 | 150 |   | G | 10/260 | 207.125.150 | £10.21 |
| 40 | 150 |   | G | 5/200 | 207.15.150 | £11.69 | |
| Knuckle bend double socket | | | | | | | |
|  | 32 | 91¼ |   | GBW | 10/280 | 202.125.91 | £5.39 |
| | 40 | 91¼ |   | GBW | 10/180 | 202.15.91 | £5.92 |
| Swept cross all socket | | | | | | | |
|  | 40 | 91¼ |   | GW | 5/105 | 206.15.91 | £24.92 |
| | 50 | 91¼ |   | GW | 5/55 | 206.2.91 | £26.08 |
| | 50 | 135 |   | G | 5/55 | 206.2.135* | £173.89 |
| *Fabricated. | | | | | | | |
| Swept tee all socket | | | | | | | |
| 91¼° and 135° as standard. | | | | | | | |
|  | 32 | 91¼ |   | GBW | 10/120 | 204.125.91 | £7.93 |
| | 40 | 91¼ |   | GBW | 10/90 | 204.15.91 | £10.01 |
| | 50 | 91¼ |   | GBW | 5/45 | 204.2.91 | £19.56 |
| | 32 | 135 |   | GW | 10/120 | 204.125.135 | £9.68 |
| | 40 | 135 |   | GW | 5/80 | 204.15.135 | £12.56 |
| | 50 | 135 |   | GW | 5/80 | 204.2.135 | £19.56 |





Soil Systems - 200 Solvent

| | Size mm | Angle | Col | Pack/Box | Code | Price Each |
|---|---------|-------|-----|----------|-------------------|---------------|
| Level invert taper | | | | | | |
| To reduce socket of any standard fitting to accept a smaller size pipe. Larger end spigot and smaller end socket. | | | | | | |
|  | 40/32 | ↙ | GBW | 5/230 | 223.15.125 | £7.43 |
| | 50/32 | ↙ | GBW | 10/190 | 223.2.125 | £9.18 |
| | 50/40 | ↙ | GBW | 10/160 | 223.2.15 | £8.99 |
| Socket reducer | | | | | | |
|  | 40/32 | ↙ | GBW | 20/640 | 224.15.125 | £5.81 |
| | 50/32 | ↙ | GBW | 10/350 | 224.2.125 | £8.38 |
| | 50/40 | ↙ | GBW | 10/350 | 224.2.15 | £10.24 |
| Pipe fixing clip | | | | | | |
|  | 32 | | GBW | 20/800 | 240.125 | £1.91 |
| | 40 | | GBW | 20/700 | 240.15 | £2.19 |
| | 50 | | GBW | 20/400 | 240.2 | £2.91 |
| Expansion fitting fixing clip | | | | | | |
| To secure control thermal expansion at regular points along pipework. | | | | | | |
|  | 32 | | W | 10/750 | 242.125 | £2.34 |
| | 40 | | W | 10/500 | 242.15 | £2.67 |
| | 50 | | GW | 10/300 | 242.2 | £5.64 |
| Access plug | | | | | | |
|  | 32 | | GBW | 10/350 | 237.125 | £5.39 |
| | 40 | | GBW | 10/320 | 237.15 | £5.39 |
| | 50 | | GBW | 10/170 | 237.2 | £7.70 |
| Weathering apron | | | | | | |
| To provide weathertight cover over lead slate around 50mm waste pipe penetrating roof. | | | | | | |
|  | 50 | | G | 5/135 | 231.2 | £12.77 |
| Vent cowl | | | | | | |
| Socket outlet. | | | | | | |
|  | 50 | | GW | 5/300 | 250.2 | £14.47 |








Soil Systems - 200 Solvent

| | Size mm | Angle | Col | Pack/Box | Code | Price Each |
|---|----------|-------|------|----------|----------------|---------------|
| Automatic air admittance valve | | | | | | |
| Allows air into waste system when negative pressure occurs. Helps prevent syphonage of traps. Spigot outlet. | | | | | | |
|  | 50 | | W | 10/200 | 253.2 | £73.98 |
| Trapped floor gully | | | | | | |
| 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 | 281.43 | £77.03 |
| | 160/110 | | GT | 12 | 281.64 | £78.75 |
| Floor gully inlets | | | | | | |
| 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 | 282.6 | £27.96 |
| | 110 SS | | Self | 36 | 283.6 | £58.96 |
| Sealed gully raising piece | | | | | | |
| 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 | 284.6 | £35.64 |
| Adaptor to underground drain pipe | | | | | | |
| Push-fit connection into pipes with nominal 100mm bore. External use only. | | | | | | |
|  | 32/40/50 | | B | 5/60 | 4DW200 | £55.84 |
| Note: As a Terrain Underground product different discount structure applies. | | | | | | |
| Caulking bush | | | | | | |
| For connecting MuPVC waste pipe to 50mm socket of other material. Solvent-weld to pipe. | | | | | | |
|  | 32/40/50 | | G | 10/350 | 232 | £14.42 |
| Reverse nut adaptor | | | | | | |
| For solvent-weld connection of MuPVC waste pipe (or waste fitting) to BSP male threaded fitting or pipe. | | | | | | |
|  | 32/32 | ↙ | W | 10/300 | 218.125 | £13.71 |
| | 40/40 | ↙ | W | 10/250 | 218.15 | £13.49 |





Soil Systems - 200 Solvent

| | Size mm | Angle | Col | Pack/Box | Code | Price Each |
|--|---------|-------|-----|----------|----------------|---------------|
| 200 waste female iron | | | | | | |
| 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 | 212.125 | £10.54 |
| | 40/40 | | G | 10/200 | 212.15 | £10.54 |
| | 50/50 | | G | 5/140 | 212.2 | £15.19 |
| Spigot and threaded socket | | | | | | |
|  | 32/32 | | G | 5/225 | 216.125 | £10.15 |
| | 40/40 | | G | 5/190 | 216.15 | £11.91 |
| | 50/50 | | G | 5/200 | 216.2 | £17.32 |
| 200 waste male iron | | | | | | |
| 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 | 213.125 | £9.00 |
| | 40/40 | | GW | 10/240 | 213.15 | £10.54 |
| | 50/50 | | GW | 5/140 | 213.2 | £15.19 |
| Spigot and threaded spigot. | | | | | | |
|  | 32/32 | | G | 5/300 | 217.125 | £10.15 |
| | 40/40 | | G | 5/240 | 217.15 | £11.91 |
| | 50/50 | | GW | 5/160 | 217.2 | £16.31 |

Soil Systems - 300 Push-fit








| | Size mm | Angle | Col | Pack/Box | Code | Price Each |
|---|---------|-------|-----|----------|--------------------|---------------|
| Waste pipe | | | | | | |
| Plain-ended. | | | | | | |
|  | 32 (3m) | | W | 10 | 300.125.30 | £15.29 |
| | 40 (3m) | | W | 10 | 300.15.30 | £18.97 |
| Straight coupler double socket | | | | | | |
|  | 32 | | W | 10/350 | 310.125 | £4.95 |
| | 40 | | W | 10/300 | 310.15 | £4.86 |
| Swept bend double socket | | | | | | |
| 91¼° and 135° as standard. | | | | | | |
| For 91¼° swept bend. | | | | | | |
|  | 32 | 91¼ | W | 10/240 | 301.125.91 | £4.86 |
| | 40 | 91¼ | W | 10/200 | 301.15.91 | £5.43 |
| Swept bend double socket | | | | | | |
| For 135° swept bend. | | | | | | |
|  | 32 | 135 | W | 10/300 | 301.125.135 | £4.95 |
| | 40 | 135 | W | 10/280 | 301.15.135 | £4.86 |
| Knuckle bend double socket | | | | | | |
|  | 32 | 90 | W | 10/160 | 302.125.90 | £4.86 |
| | 40 | 90 | W | 10/220 | 302.15.90 | £4.86 |
| Swivel elbow bend socket/spigot | | | | | | |
|  | 32 | 90 | W | 10/170 | 307.125.90 | £4.95 |
| | 40 | 90 | W | 10/110 | 307.15.90 | £4.95 |
| Swept tee | | | | | | |
|  | 32 | 91¼ | W | 10/160 | 304.125.91 | £5.44 |
| | 40 | 91¼ | W | 5/120 | 304.15.91 | £5.44 |


Soil Systems - 300 Push-fit










| | Size mm | Angle | Col | Pack/Box | Code | Price Each |
|--|--------------------|-------|-----|----------|-------------------|--------------|
| Socket reducer | | | | | | |
| To reduce waste socket to accept smaller diameter waste pipe. | | | | | | |
|  | 40/32 | | W | 10/400 | 323.15.125 | £5.31 |
| Pipe and fitting clip | | | | | | |
|  | 32 | | W | 20/800 | 340.125 | £1.68 |
| | 40 | | W | 20/600 | 340.15 | £1.68 |
| Tank connector | | | | | | |
| For connecting push-fit polypropylene pipe to water tank. Supplied with 2 sealing washers. | | | | | | |
|  | 32 | | W | 10/150 | 311.125 | £4.95 |
| | 40 | | W | 10/300 | 311.15 | £4.95 |
| Compression reducer | | | | | | |
|  | 40-38 | | W | 100 | PS38 | £6.53 |
| | 32mm seal for PS38 | | | | PRD100 | £1.58 |
| | 40mm seal for PS38 | | | | PRD101 | £1.58 |



Soil Systems - 600 ABS Solvent

| | Size mm | Angle | Col | Pack/Box | Code | Price Each |
|---|---------|-------|-----|----------|--------------------|---------------|
| Waste pipe | | | | | | |
| Plain ended. | | | | | | |
|  | 32 (3m) | | W | 5 | 600.125.30 | £25.41 |
| | 40 (3m) | | W | 5 | 600.15.30 | £33.89 |
| | 50 (3m) | | W | 5 | 600.2.30 | £37.25 |
| Straight coupler double socket | | | | | | |
|  | 32 | | W | 10 | 610.125 | £5.28 |
| | 40 | | W | 10 | 610.15 | £5.22 |
| | 50 | | W | 10 | 610.2 | £9.58 |
| Swept bend double socket | | | | | | |
| For 91¼° swept bend, 91.25°, 135° and 165° as standard. | | | | | | |
|  | 32 | 91¼ | W | 20/220 | 601.125.91 | £5.39 |
| | 40 | 91¼ | W | 10/140 | 601.15.91 | £5.92 |
| | 50 | 91¼ | W | 10/70 | 601.2.91 | £10.50 |
| Knuckle bend double socket | | | | | | |
|  | 32 | 91¼ | W | 10/280 | 602.125.91 | £4.88 |
| | 40 | 91¼ | W | 10/180 | 602.15.91 | £5.41 |
| Swept bend double socket | | | | | | |
| For 135° swept bend. | | | | | | |
|  | 32 | 135 | W | 10/280 | 601.125.135 | £5.39 |
| | 40 | 135 | W | 10/200 | 601.15.135 | £5.92 |
| | 50 | 135 | W | 10/100 | 601.2.135 | £10.50 |
| Spigot/socket bends | | | | | | |
| To change pipe direction in limited space situations. | | | | | | |
|  | 32 | 135 | W | 10/300 | 607.125.135 | £8.94 |
| | 40 | 135 | W | 10/180 | 607.15.135 | £10.43 |












| Soil Systems - 600 ABS Solvent | | | | | | |
|--|---------|-------|-----|----------|--------------------|---------------|
| | Size mm | Angle | Col | Pack/Box | Code | Price Each |
| Expansion coupler seal ring and solvent socket | | | | | | |
|  | 32 | | W | 10/250 | 625.125 | £9.29 |
| | 40 | | W | 10/180 | 625.15 | £11.45 |
| | 50 | | W | 5/100 | 625.2 | £15.15 |
| Access plug | | | | | | |
|  | 32 | | W | 10/350 | 637.125 | £4.88 |
| | 40 | | W | 10/320 | 637.15 | £4.88 |
| | 50 | | W | 10/180 | 637.2 | £7.00 |
| Swept tee all socket | | | | | | |
|  | 32 | 91¼ | W | 10/120 | 604.125.91 | £7.22 |
| | 40 | 91¼ | W | 10/90 | 604.15.91 | £9.09 |
| | 50 | 91¼ | W | 5/45 | 604.2.91 | £17.78 |
| Junction | | | | | | |
|  | 32 | 135 | W | 10/120 | 604.125.135 | £8.82 |
| | 40 | 135 | W | 5/80 | 604.15.135 | £11.43 |
| | 50 | 135 | W | 5/80 | 604.2.135 | £17.78 |
| Swept cross all socket | | | | | | |
|  | 40 | 91¼ | W | 5/105 | 606.15.91 | £22.65 |
| | 50 | 91¼ | W | 5/55 | 606.2.91 | £23.70 |
| Socket reducer | | | | | | |
|  | 40/32 | | W | 20/640 | 624.15.125 | £5.28 |
| | 50/32 | | W | 10/350 | 624.2.125 | £8.36 |
| | 50/40 | | W | 10/350 | 624.2.15 | £9.31 |
| Male iron with socket | | | | | | |
| For solvent weld connection of PVC waste pipe or fitting to BSP threaded female pipe or fitting. | | | | | | |
|  | 32 | | W | 5/300 | 617.125 | £9.24 |
| | 40 | | W | 5/220 | 617.15 | £10.81 |
| | 50 | | W | 5/160 | 617.2 | £14.84 |

| Soil Systems - 600 ABS Solvent | | | | | | |
|--|---------|-------|-----|----------|----------------|---------------|
| | Size mm | Angle | Col | Pack/Box | Code | Price Each |
| Female iron with socket | | | | | | |
| For solvent weld connection of PVC waste pipe or fitting to BSP threaded male pipe or fitting. | | | | | | |
|  | 32 | | W | 10/270 | 612.125 | £9.58 |
| | 40 | | W | 10/200 | 612.15 | £9.58 |
| | 50 | | W | 5/140 | 612.2 | £13.82 |

| Soil Systems - 500 Overflow | | | | | | |
|---|--------------|-------|-----|----------|-------------------|---------------|
| | Size mm | Angle | Col | Pack/Box | Code | Price Each |
| Waste pipe | | | | | | |
|  | Plain ended. | | | | | |
| | 19 (4m) | | W | 20 | 500.75.40 | £22.53 |
| Straight coupler double socket | | | | | | |
|  | 19 | | W | 50/1000 | 510.75 | £6.26 |
| Bend double socket | | | | | | |
|  | 19 | 91¼ | W | 50/750 | 501.75.91 | £7.39 |
| | 19 | 135 | W | 50/1100 | 501.75.135 | £7.43 |
| Branch | | | | | | |
|  | 19 | 91¼ | W | 20/900 | 504.75.91 | £8.02 |
| Socket Reducer | | | | | | |
|  | 19/32 | | W | 20/900 | 524.75 | £8.74 |
| Pipe fixing clip - plastic | | | | | | |
|  | 19 | | W | 50/2500 | 540.75 | £2.28 |
| Straight tank connector | | | | | | |
| To connect cistern/tank to overflow pipe. | | | | | | |
|  | 19 | | W | 10/250 | 511.75 | £9.92 |
| Bent tank connector 90° | | | | | | |
|  | 19 | 90 | W | 10/200 | 502.75.90 | £11.75 |
| Female to PVCu connector | | | | | | |
| To connect PVCu overflow pipe to threaded components. Solvent-weld socket to receive overflow pipe. Threaded socket to receive ¼" BSP male threaded pipe end. | | | | | | |
|  | 19 | | W | 10/750 | 512.75 | £10.66 |

| Soil Systems - 500 Overflow | | | | | | |
|--|---------|-------|-----|----------|---------------|---------------|
| | Size mm | Angle | Col | Pack/Box | Code | Price Each |
| Reverse nut connector | | | | | | |
| To connect PVCu overflow pipe to threaded components. Threaded loose nut to receive ¼" BSP male threaded pipe end. | | | | | | |
|  | 19 | | W | 20/300 | 519.75 | £3.02 |
| Tundish | | | | | | |
|  | 19 | | W | 5/100 | 590.75 | £61.75 |

Waste Traps - 400

| | Size mm | Angle | Col | Pack/ Box | Code | Price Each |
|--|--|-------|-----|--------------|------------|---------------|
| Bottle trap | | | | | | |
|  | 75mm water seal. | | | | | |
| | 32 | ▼ | W | 5/60 | 411.125 | £12.19 |
| | 40 | ▼ | W | 5/60 | 411.15 | £14.96 |
| Bottle trap anti-syphon | | | | | | |
|  | 75mm water seal. | | | | | |
| | 32 | ▼ | W | 5/60 | 411AS.125 | £16.60 |
| | 40 | ▼ | W | 5/60 | 411AS.15 | £19.46 |
| Resealing bottle trap | | | | | | |
|  | 75mm water seal. | | | | | |
| | 32 | ▼ | W | 5/60 | 415.125 | £15.96 |
| | 40 | ▼ | W | 5/60 | 415.15 | £19.10 |
| Bottle trap - adjustable telescopic | | | | | | |
|  | 75mm water seal. | | | | | |
| | 32 | ▼ | W | 5/60 | 411T.125 | £15.39 |
| | 40 | ▼ | W | 5/60 | 411T.15 | £18.39 |
| Bottle trap anti-syphon - adjustable telescopic | | | | | | |
|  | 75mm water seal. | | | | | |
| | 32 | ▼ | W | 5/60 | 421AS.125 | £19.25 |
| | 40 | ▼ | W | 5/60 | 421AS.15 | £22.39 |
| Resealing bottle trap - adjustable telescopic | | | | | | |
|  | 75mm water seal. | | | | | |
| | 32 | ▼ | W | 5/60 | 421.125 | £18.88 |
| | 40 | ▼ | W | 5/50 | 421.15 | £21.87 |
| Tubular swivel P trap | | | | | | |
|  | 75mm water seal. | | | | | |
| | 32 | | W | 5/80 | 431.125 | £10.52 |
| | 40 | ▼ | W | 5/60 | 431.15 | £12.51 |
| Tubular swivel P trap - adjustable telescopic | | | | | | |
|  | 75mm water seal. | | | | | |
| | 32 | ▼ | W | 5/80 | 431T.125 | £13.12 |
| | 40 | ▼ | W | 5/60 | 431T.15 | £15.24 |
| Tubular swivel P trap anti-syphon | | | | | | |
|  | 75mm water seal. | | | | | |
| | 32 | ▼ | W | 5/80 | 431AS.125 | £14.84 |
| | 40 | ▼ | W | 5/60 | 431AS.15 | £16.61 |
| Tubular swivel P trap anti-syphon - adjustable telescopic | | | | | | |
|  | 75mm water seal. | | | | | |
| | 32 | ▼ | W | 5/60 | 431TAS.125 | £17.45 |
| | 40 | ▼ | W | 5/60 | 431TAS.15 | £18.15 |
| P to S trap conversion bend | | | | | | |
|  | To convert tubular P traps to S traps. | | | | | |
| | 32 | ▼ | W | 10/140 | 407.125.90 | £5.98 |
| | 40 | ▼ | W | 5/250 | 407.15.90 | £6.74 |









Waste Traps - 400

| | Size mm | Angle | Col | Pack/ Box | Code | Price Each |
|---|--|-------|-----|--------------|-----------|---------------|
| Tubular swivel S trap | | | | | | |
|  | 75mm water seal. | | | | | |
| | 32 | ▼ | W | 5/60 | 432.125 | £12.75 |
| | 40 | ▼ | W | 5/40 | 432.15 | £15.19 |
| Running trap | | | | | | |
|  | 75mm water seal. | | | | | |
| | 32 | ▼ | W | 5/60 | 445.125 | £16.04 |
| | 40 | ▼ | W | 5/50 | 445.15 | £17.07 |
| Running trap anti-syphon | | | | | | |
|  | 75mm water seal. | | | | | |
| | 32 | ▼ | W | 5/60 | 445AS.125 | £20.32 |
| | 40 | ▼ | W | 5/50 | 445AS.15 | £21.33 |
| Washing machine half trap | | | | | | |
|  | 75mm water seal with adaptor. | | | | | |
| | 40 | ▼ | W | 5/40 | 433.15 | £20.97 |
| Washing machine half trap anti-syphon | | | | | | |
|  | 75mm water seal with adaptor. | | | | | |
| | 40 | ▼ | W | 5/40 | 433AS.15 | £25.78 |
| Washing machine trap with upstand | | | | | | |
|  | 75mm water seal with 0.6m upstand and 2 clips. | | | | | |
| | 40 | ▼ | W | 5/130 | 434.15 | £20.55 |
| Washing machine trap anti-syphon with upstand | | | | | | |
|  | 75mm water seal with 0.6 upstand and 2 clips. | | | | | |
| | 40 | ▼ | W | 5/10 | 434AS.15 | £23.62 |
| Bath trap | | | | | | |
|  | 20mm water seal. | | | | | |
| | 40 | | W | 5/80 | 455.15 | £12.19 |
| Low level bath trap | | | | | | |
|  | 38mm water seal. | | | | | |
| | 40 | ▼ | W | 5/30 | 457.15 | £12.75 |
| Shower Trap | | | | | | |
|  | 19mm water seal, 70mm grid. | | | | | |
| | 40 | | W | 5/60 | 482.15 | £21.88 |
| | 40 | | C/P | 20/10 | 483.15 | £26.09 |
| Shower trap with 45° adjustable waste | | | | | | |
|  | 50mm water seal, 70mm grid. | | | | | |
| | 40 | | W | 5/50 | 484.15 | £28.08 |
| | 40 | | C/P | 5/45 | 486.15 | £31.67 |
| Condensate trap | | | | | | |
|  | | | | | | |
| | 40 | | W | 1/30 | 420.15 | £24.67 |

WC Pan Connectors - 490


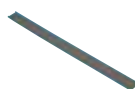




| | Size mm | Angle | Col | Pack/ Box | Code | Price Each |
|---|-----------|-------|-----|--------------|------------|---------------|
| Straight WC connector fin seal | | | | | | |
|  | 110 | ▼ | W | 5/40 | 499P.4.00 | £11.79 |
| 90° WC connector fin seal bend | | | | | | |
|  | 110 | 90 | W | 5/15 | 499P.4.90 | £14.02 |
| 14° WC connector fin seal spigots | | | | | | |
|  | 110 | 14 | W | 5/35 | 499P.4.104 | £11.58 |
| 40mm offset WC connector fin seal | | | | | | |
|  | 110 | | W | 5/30 | 494P1.4.00 | £11.58 |
| 12mm offset WC connector fin seal | | | | | | |
|  | 110 | | W | 5/40 | 494P2.4.00 | £11.58 |
| Swivel connector 0-30° fin seal | | | | | | |
| Adjustable 0-30° | | | | | | |
|  | 110 | 0-30 | W | 5/20 | 498P.4.030 | £30.10 |
| Swan neck WC connector 90° fin seal | | | | | | |
|  | 110 | 90 | W | 5/15 | 496P.4.90 | £25.63 |
| Long 90° WC connector fin seal | | | | | | |
|  | 225mm leg | | | | | |
| | 110 | 90 | W | 5/10 | 491P.4.90 | £14.65 |








WC Pan Connectors - 490

| | Size mm | Angle | Col | Pack/ Box | Code | Price Each |
|---|---------|-------|-----|--------------|------------|---------------|
| 90° WC connector with 32mm boss fin seal | | | | | | |
|  | 110 | 90 | W | 5/15 | 495P.4.90 | £34.68 |
| Extension 200mm | | | | | | |
|  | 110 | | W | 5/25 | 493P.00 | £10.66 |
| WC manifold connectors fin seal spigot | | | | | | |
| 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 | £30.25 |
| | 110 | 14 | W | 6 | 499.4.14 | £30.25 |
| | 110 | 24 | W | 5/10 | 499.4.24 | £30.25 |
| | 110 | 34 | W | 5/10 | 499.4.34 | £30.25 |
| | 110 | 9 | W | 1 | S499.4.09 | £70.53 |
| | 110 | 18 | W | 1 | S499.4.18 | £70.53 |
| | 110 | 29 | W | 1 | S499.4.29 | £70.53 |
| | 110 | * | W | 1 | S499.4.X | £70.53 |
| *Customer to specify angle on order | | | | | | |
| WC frame manifold bend connectors fin seal spigot | | | | | | |
|  | 110 | 5 | B | 5/10 | 497.35.05 | £82.55 |
| | 110 | 34 | B | 5/10 | 497.35.34 | £82.55 |
| | 110 | 18 | B | 1/12 | F497.35.18 | £82.55 |
| | 110 | 29 | B | 1/12 | F497.35.29 | £82.55 |
| WC connectors socket outlet | | | | | | |
|  | 110 | 2½ | W | 5/50 | 498.4.02 | £18.33 |
|  | 110 | 90 | W | 5/25 | 498.4.90 | £29.63 |
| 90° WC turned connector socket outlet | | | | | | |
|  | 110 | 90 | W | 5/20 | 492.4.5 | £47.24 |
| WC straight connector socket outlet | | | | | | |
| For connecting non BS 5503 WC pans to soil pipes | | | | | | |
|  | 110 | | W | 5/25 | 495.4.5 | £33.03 |

Terrain

Soil & Waste

| Accessories | | | | | |
|--|-------|------|----------|-------------------|----------------|
| Size mm | Angle | Col | Pack/Box | Code | Price Each |
| Toggle bolt | | | | | |
| To clamp 112 and 115 Boss Connectors while solvent-welding. | | | | | |
| | | Self | 1/50 | 9115 | £101.14 |
|  | | | | | |
| Packing piece | | | | | |
| For use with 140 and 142 Pipe Brackets and 191 Intermediate Support Brackets. | | | | | |
| 160 | | G | 1/100 | 9104.6 | £22.58 |
| Cut to size | | | | | |
|  | | | | | |
| Pipe marking template | | | | | |
| Marking guide for Terrain Soil Systems, access and boss connection. | | | | | |
| 110 | | Blue | 1 | 9105.500T | £45.54 |
|  | | | | | |
| WC pan seal - soil | | | | | |
| 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 | 9124 | £28.32 |
|  | | | | | |
| HDPE WC pan connector fin seal | | | | | |
| Adapts standard WC connectors to fit HDPE 110mm. Material: EPDM Rubber in accordance with EN681 rubber. | | | | | |
| 110 | | B | 150 | 499P.4.908 | £8.52 |
|  | | | | | |
| Spare seal rings - soil | | | | | |
| 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 | 9116.4 | £0.28 |
| Push-fit Soil (P) range | | | | | |
| 160 | | B | 1 | 9116.6 | £11.91 |
| 103/105/109/111/111.S/126/132/137 | | | | | |
| 110 | | B | 1 | 9119.B | £9.83 |
|  | | | | | |

| Accessories | | | | | |
|---|----------------|-----|----------|-------------------|----------------|
| Size mm | Angle | Col | Pack/Box | Code | Price Each |
| Spare seal ring - waste | | | | | |
| 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 | 9132.125 | £1.57 |
| 40 | | B | 1 | 9132.15 | £1.83 |
| 50 | | B | 1 | 9132.2 | £2.47 |
|  | | | | | |
| Spare manifold insert | | | | | |
| Material: EPDM. | | | | | |
| 40 | | B | 1 | 9113 | £3.31 |
|  | | | | | |
| Spare manifold plug | | | | | |
| 40 | | G | 1 | 9114 | £3.71 |
|  | | | | | |
| Spare access door | | | | | |
| Spare door for 139.4, 139P.4, 138.4, 137.4, 105.4.92 & 105P.4.92 | | | | | |
| 110 | | G | 1 | 137.4.502 | £28.60 |
|  | | | | | |
| Cleaning fluid | | | | | |
| Material: Acetone. | | | | | |
| For cleaning PVCu pipe and fittings before applying Liquid Weld. Screw top caps. | | | | | |
| 250ml | | | 10 | 9101.250CF | £31.56 |
|  | | | | | |
| Lubricant | | | | | |
| Material: Silicone grease Soluble lubricant. | | | | | |
| For lubricating seal rings on expansion fittings. | | | | | |
| 250ml | Tub (silicone) | | 10/40 | 9136.250L | £112.79 |
| 500ml | Tub (soluble) | | 10/20 | 9136.500L | £23.29 |
|  | | | | | |
| UNIQUE | | | | | |
| Liquid weld | | | | | |
| Low VOC solvent for solvent jointing of PVCu and ABS pipes and fittings. | | | | | |
| Cap incorporates integral brush. | | | | | |
| 250ml | | ♥ | 24 | 9100.250SW | £46.11 |
| 500ml | | ♥ | 12 | 9100.500SW | £85.19 |
|  | | | | | |

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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: polypipe.com/this-is-our-terrain

 **Polypipe**
Building Services



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

Innovative Products



Terrain FUZE HDPE Manifolds

A product designed with the customer in mind, for many different scenarios. Featuring 12 perfectly situated bosses, this allows for multiple different entry points; all of which can be used simultaneously due to the engineered central baffle removing cross flow. See page 57 for further details.



Terrain Anchor / Guide Bracket

This dual use guide or anchor bracket has a simple clip, which once removed, allows adjustability for the product to go from guide to anchor. This multi-functional product is engineered to ease installation and lessen time taken. See page 62 for further details.



Terrain FUZE HDPE Swept Entry Branch

The Terrain FUZE 904.110.925B HDPE swept entry branch is engineered as a unique space-saving fitting. It offers 5 bosses which can be easily converted to waste. Using our 927 adapters, it can connect to other materials. This fitting is ideal for use with our Polypipe Advantage service. See page 57 for further details.



Terrain FUZE Stax

Terrain FUZE Stax is the latest addition to the Terrain FUZE HDPE drainage system family, this new range of 2-part fabricated stack configurations is designed to make installing the most common high-rise applications simpler and quicker. See pages 53-54 for further details.

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:
polypipe.com/terrain-fuze

**THIS IS OUR
TERRAIN**



Polypipe
Building Services

Part of the **GENUIT**
GROUP

FUZE Stax

Bathrooms

| | Size mm | Pack Qty | Code | Price Each |
|--|------------|----------|----------------|------------|
| HDPE Bathroom Single Expansion | | | | |
| 7 Bosses Bottom section, use with an access section (9411). | | | | |
| NEW | 110/110/56 | 1 | 9401.11011056B | £185.67 |
| NEW | 160/110/56 | 1 | 9401.16011056B | £367.58 |
| HDPE Bathroom Single Locked | | | | |
| 7 Bosses Bottom section, use with an access section (9411). | | | | |
| NEW | 110/110/56 | 1 | 9402.11011056B | £147.17 |
| NEW | 160/110/56 | 1 | 9402.16011056B | £326.69 |
| HDPE Bathroom Double Expansion | | | | |
| 6 Bosses Bottom section, use with an access section (9411). | | | | |
| NEW | 110/110/56 | 1 | 9403.11011056B | £179.70 |
| NEW | 160/110/56 | 1 | 9403.16011056B | £384.72 |
| HDPE Bathroom Double Locked | | | | |
| 6 Bosses Bottom section, use with an access section (9411). | | | | |
| NEW | 110/110/56 | 1 | 9404.11011056B | £169.01 |
| NEW | 160/110/56 | 1 | 9404.16011056B | £324.02 |
| HDPE Bathroom Corner Expansion | | | | |
| 7 Bosses Bottom section, use with an access section (9411). | | | | |
| NEW | 110/110/56 | 1 | 9405.11011056B | £217.60 |
| NEW | 160/110/56 | 1 | 9405.16011056B | £383.69 |
| HDPE Bathroom Corner Locked | | | | |
| 7 Bosses Bottom section, use with an access section (9411). | | | | |
| NEW | 110/110/56 | 1 | 9406.11011056B | £200.12 |
| NEW | 160/110/56 | 1 | 9406.16011056B | £327.37 |

Kitchens

| | Size mm | Pack Qty | Code | Price Each |
|--|---------|----------|-------------|------------|
| HDPE Kitchen Expansion | | | | |
| 75mm = Single Branch, 110mm & 160mm = 4-Way Branch Bottom section, use with an access section (9411). | | | | |
| NEW | 75/56 | 1 | 9407.7556B | £68.51 |
| NEW | 110/56 | 1 | 9407.11056B | £96.83 |
| NEW | 160/56 | 1 | 9407.16056B | £203.89 |
| HDPE Kitchen Locked | | | | |
| 75mm = Single Branch, 110mm & 160mm = 4-Way Branch Bottom section, use with an access section (9411). | | | | |
| NEW | 75/56 | 1 | 9408.7556B | £57.97 |
| NEW | 110/56 | 1 | 9408.11056B | £75.25 |
| NEW | 160/56 | 1 | 9408.16056B | £144.45 |

Utilities


| | Size mm | Pack Qty | Code | Price Each |
|--|---------|----------|-------------|------------|
| HDPE Utility Expansion | | | | |
| 75mm = 2x Single Branch, 110mm & 160mm = 2x 4-Way Branch Bottom section, use with an access section (9411). | | | | |
| NEW | 75/56 | 1 | 9409.7556B | £73.78 |
| NEW | 110/56 | 1 | 9409.11056B | £148.06 |
| NEW | 160/56 | 1 | 9409.16056B | £382.48 |
| HDPE Utility Locked | | | | |
| 75mm = 2x Single Branch, 110mm & 160mm = 2x 4-Way Branch Bottom section, use with an access section (9411). | | | | |
| NEW | 75/56 | 1 | 9410.7556B | £63.24 |
| NEW | 110/56 | 1 | 9410.11056B | £128.11 |
| NEW | 160/56 | 1 | 9410.16056B | £227.31 |


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


No Connections


| | Size mm | Pack Qty | Code | Price Each |
|---------------------------|---------|----------|-----------|------------|
| HDPE No Connection | | | | |
| NEW | 56 | 1 | 9411.56B | £38.57 |
| NEW | 75 | 1 | 9411.75B | £44.24 |
| NEW | 110 | 1 | 9411.110B | £60.15 |
| NEW | 160 | 1 | 9411.160B | £113.08 |


Prices shown are for one item excluding VAT

| Utilities | | | | |
|--|---------|----------|-----------|------------|
| | Size mm | Pack Qty | Code | Price Each |
| HDPE Access Pipe | | | | |
| Top section, use with a bathroom, kitchen or utility section (9401-9408) or within a vent stack. | | | | |
|  | NEW 56 | 1 | 9412.56B | £66.16 |
| | NEW 75 | 1 | 9412.75B | £78.26 |
| | NEW 110 | 1 | 9412.110B | £117.20 |
| | NEW 160 | 1 | 9412.160B | £270.16 |

| Vents | | | | |
|--|-------------|----------|--------------|------------|
| | Size mm | Pack Qty | Code | Price Each |
| HDPE Terrain P.A.P.A. Horizontal | | | | |
| For connecting to Terrain P.A.P.A. valve 9300.4 (see p67). | | | | |
|  | NEW 110/110 | 4 | 9413.110110B | £33.37 |
| | NEW 160/110 | 3 | 9413.160110B | £101.81 |


| HDPE Terrain P.A.P.A. Vertical | | | | |
|--|-------------|---|--------------|---------|
| For connecting to Terrain P.A.P.A. valve 9300.4 (see p67). | | | | |
|  | NEW 110/110 | 4 | 9414.110110B | £47.43 |
| | NEW 160/110 | 3 | 9414.160110B | £104.27 |


| HDPE Cross Vent Termination | | | | |
|--|-------------|---|--------------|---------|
|  | NEW 110/56 | 4 | 9415.11056B | £31.62 |
| | NEW 110/75 | 4 | 9415.11075B | £36.89 |
| | NEW 110/110 | 4 | 9415.110110B | £40.05 |
| | NEW 160/110 | 3 | 9415.160110B | £101.05 |


| HDPE Cross Vent | | | | |
|--|-------------|---|--------------|---------|
|  | NEW 110/56 | 4 | 9416.11056B | £31.62 |
| | NEW 110/75 | 4 | 9416.11075B | £39.00 |
| | NEW 110/110 | 4 | 9416.110110B | £39.59 |
| | NEW 160/110 | 3 | 9416.160110B | £108.02 |

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



| Pipes | | | | |
|---|---------|----------|-------------|------------|
| | Size mm | Pack Qty | Code | Price Each |
| HDPE Pipe - 3 metre length | | | | |
|  | 40 | 50 | 900.40.30B | £18.10 |
| | 50 | 50 | 900.50.30B | £21.62 |
| | 56 | 40 | 900.56.30B | £24.83 |
| | 75 | 30 | 900.75.30B | £34.28 |
| | 110 | 15 | 900.110.30B | £61.53 |
| | 160 | 10 | 900.160.30B | £147.68 |

| HDPE Pipe - 5 metre length | | | | |
|---|-----|----|-------------|---------|
|  | 40 | 86 | 900.40.50B | £30.31 |
| | 50 | 86 | 900.50.50B | £35.99 |
| | 56 | 98 | 900.56.50B | £41.29 |
| | 75 | 58 | 900.75.50B | £57.14 |
| | 110 | 57 | 900.110.50B | £102.51 |
| | 160 | 10 | 900.160.50B | £246.09 |
| | 200 | 10 | 900.200.50B | £318.92 |
| | 250 | 8 | 900.250.50B | £511.25 |
| | 315 | 6 | 900.315.50B | £797.25 |

| Electrofusion Couplings | | | | |
|---|---------|----------|----------|------------|
| | Size mm | Pack Qty | Code | Price Each |
| HDPE electrofusion couplings | | | | |
|  | 40 | 20 | 910.40B | £8.84 |
| | 50 | 16 | 910.50B | £9.12 |
| | 56 | 16 | 910.56B | £8.75 |
| | 75 | 18 | 910.75B | £13.24 |
| | 110 | 10 | 910.110B | £13.05 |
| | 160 | 8 | 910.160B | £32.75 |
| | 200 | 10 | 910.200B | £228.14 |
| | 250 | 55 | 910.250B | £377.13 |
| | 315 | 34 | 910.315B | £427.76 |

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 or Advantage service
- Unique UK style fitting

| Ring Seal Couplings | | | | |
|---|--------------------|----------|-----------|------------|
| | Size mm | Pack Qty | Code | Price Each |
| HDPE ring seal socket | | | | |
|  | With central stop. | | | |
| | 110 | 1 | 910P.110B | £90.80 |
| | 160 | 5 | 910P.160B | £328.13 |
| | 200 | 1 | 910P.200B | £417.62 |
| | 250 | 1 | 910P.250B | £626.42 |
| | 315 | 1 | 910P.315B | £865.06 |


| HDPE ring seal socket | | | | |
|---|-----|----|-----------|---------|
| Installation guide is in the technical manual. | | | | |
|  | 40 | 20 | 911.40B | £17.90 |
| | 50 | 30 | 911.50B | £17.80 |
| | 56 | 30 | 911.56B | £17.06 |
| | 75 | 20 | 911.75B | £22.62 |
| | 110 | 10 | 911.110B* | £24.24 |
| | 160 | 80 | 911.160B* | £66.12 |
| | 200 | 1 | 911.200B | £305.26 |
| | 250 | 1 | 911.250B* | £423.56 |
| | 315 | 8 | 911.315B* | £766.61 |


| HDPE ring seal adaptors with cap | | | | |
|---|-----|-----|-----------|---------|
| Installation guide is in the technical manual. | | | | |
|  | 40 | 130 | 927.40B | £6.86 |
| | 50 | 80 | 927.50B | £8.16 |
| | 56 | 80 | 927.56B | £11.07 |
| | 75 | 30 | 927.75B | £12.99 |
| | 110 | 20 | 927.110B | £15.37 |
| | 160 | 15 | 927.160B* | £51.42 |
| | 200 | 1 | 927.200B | £270.93 |
| | 250 | 1 | 927.250B* | £445.87 |
| | 315 | 1 | 927.315B* | £514.52 |


| HDPE sliding connector | | | | |
|--|-----|----|-----------|---------|
| Without central stop | | | | |
|  | 110 | 16 | 911S.110B | £168.75 |
| | 160 | 8 | 911S.160B | £328.13 |
| | 200 | 1 | 911S.200B | £447.42 |
| | 250 | 1 | 911S.250B | £626.42 |
| | 315 | 1 | 911S.315B | £865.06 |


| HDPE female PVC adaptor with ring seal | | | | |
|---|---------|----|-------------|--------|
|  | 110/100 | 10 | 925.110100B | £41.80 |


| HDPE male PVC adaptor with ring seal | | | | |
|---|---------|----|--------------|--------|
|  | 110/100 | 15 | 9113.110100B | £23.97 |

| Ring Seal Couplings | | | | |
|---|---------|----------|-----------|------------|
| | Size mm | Pack Qty | Code | Price Each |
| UNIQUE HDPE - PVC ring seal adaptor | | | | |
|  | 40 x 36 | 5 | 927.4036B | £13.41 |
| | 50 x 36 | 5 | 927.5036B | £13.46 |
| | 50 x 43 | 5 | 927.5043B | £13.51 |
| | 56 x 36 | 5 | 927.5636B | £13.51 |
| | 56 x 43 | 5 | 927.5643B | £13.55 |

| UNIQUE | | | | |
|---|----------------|--------------------------|----|--|
| | FUZE Size (mm) | PVC, PP or ABS Size (mm) | | |
|  | 927.4036B | 40 | 32 | |
| | 927.5036B | 50 | 32 | |
| | 927.5043B | 50 | 40 | |
| | 927.5636B | 56 | 32 | |
| | 927.5643B | 56 | 40 | |

| Alignment Funnel | | | | |
|---|---------|----------|-----------|------------|
| | Size mm | Pack Qty | Code | Price Each |
| HDPE Alignment Funnel | | | | |
| Allows for ease of insertion between floors | | | | |
|  | NEW 110 | 6 | 911E.110B | £175.10 |

| Rigid Fixings | | | | |
|---|---------|----------|----------|------------|
| | Size mm | Pack Qty | Code | Price Each |
| HDPE rigid fixing | | | | |
| For joining HDPE to HDPE. | | | | |
|  | NEW 110 | 4 | 990.110B | £56.47 |
| For joining HDPE to PVC. | | | | |
| | NEW 110 | 4 | 990.4B | £49.77 |








| RECOMMENDED Mechanical Couplings | | | | |
|---|---------|----------|-----------|------------|
| | Size mm | Pack Qty | Code | Price Each |
| HDPE mechanical coupling | | | | |
| For joining HDPE to EN877 HDPE. | | | | |
|  | 110 | 12 | 9110.110B | £41.42 |
| | 160 | 8 | 9110.160B | £51.69 |
| For joining HDPE to BS416 Cast Iron. | | | | |
| | 110 | 12 | 9110.110C | £50.31 |
| | 160 | 8 | 9110.160C | £94.00 |

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

| Bends | | | | |
|--|---------|----------|---------------|------------|
| | Size mm | Pack Qty | Code | Price Each |
| HDPE 92.5° (87.5°) bend | | | | |
|  | 40 | 200 | 901.40.92B | £4.05 |
| | 50 | 100 | 901.50.92B | £5.46 |
| | 56 | 90 | 901.56.92B | £5.30 |
| | 75 | 40 | 901.75.92B | £9.90 |
| | 110 | 30 | 901.110.92B | £14.70 |
| | 160 | 90 | 901.160.92B | £61.70 |
| HDPE 90° bend | | | | |
| Butt weld only. | | | | |
|  | 200 | 1 | 907.200.90B* | £226.00 |
| | 250 | 14 | 907.250.90B* | £377.32 |
| | 315 | 1 | 907.315.90B* | £548.83 |
| *Wide radius, and welded. | | | | |
| HDPE extended spigot bend | | | | |
|  | 56 | 20 | 902.56.90B | £6.43 |
| | 110 | 10 | 902.110.90B | £20.88 |
| HDPE 112.5° (67.5°) bend | | | | |
|  | 110 | 1 | 901.110.112B* | £77.23 |
| | 160 | 1 | 901.160.112B* | £119.76 |
| | 200 | 1 | 901.200.112B* | £137.35 |
| | 250 | 1 | 901.250.112B* | £225.23 |
| | 315 | 1 | 901.315.112B* | £389.09 |
| *Welded | | | | |
| HDPE 45° bend | | | | |
|  | 40 | 5 | 901.40.135B | £4.05 |
| | 50 | 5 | 901.50.135B | £4.07 |
| | 56 | 120 | 901.56.135B | £4.77 |
| | 75 | 50 | 901.75.135B | £7.86 |
| | 110 | 24 | 901.110.135B | £11.25 |
| | 160 | 18 | 901.160.135B | £47.62 |
| | 200 | 32 | 901.200.135B* | £131.34 |
| | 250 | 1 | 901.250.135B* | £213.65 |
| | 315 | 10 | 901.315.135B* | £296.31 |
| *Welded | | | | |
| HDPE 150° (30°) bend | | | | |
|  | 110 | 30 | 901.110.150B* | £38.02 |
| | 160 | 1 | 901.160.150B* | £58.08 |
| | 200 | 1 | 901.200.150B* | £72.08 |
| | 250 | 1 | 901.250.150B* | £118.03 |
| | 315 | 1 | 901.315.150B* | £187.69 |
| *Welded | | | | |
| HDPE 165° (15°) bend | | | | |
|  | 110 | 30 | 901.110.165B* | £37.19 |
| | 160 | 1 | 901.160.165B* | £55.05 |
| | 200 | 1 | 901.200.165B* | £66.94 |
| | 250 | 1 | 901.250.165B* | £115.22 |
| | 315 | 1 | 901.315.165B* | £168.60 |
| *Welded | | | | |

| Branches | | | | |
|---|---------|----------|-----------------|------------|
| | Size mm | Pack Qty | Code | Price Each |
| HDPE 90° branch | | | | |
|  | 40 | 100 | 904.40.90B | £8.07 |
| | 50 | 70 | 904.50.90B | £10.24 |
| | 56 | 40 | 904.56.90B | £10.24 |
| | 75 | 30 | 904.75.90B | £12.60 |
| | 110 | 20 | 904.110.90B | £18.48 |
| | 160 | 8 | 904.160.90B | £102.87 |
|  | 200 | 1 | 904.200.90B* | £204.03 |
| | 250 | 1 | 904.250.90B* | £291.57 |
| | 315 | 1 | 904.315.90B* | £411.61 |
| *Welded | | | | |
| HDPE 90° reducing branch | | | | |
|  | 50/40 | 25 | 904.5040.90B | £10.24 |
| | 56/50 | 25 | 904.5650.90B | £10.24 |
| | 75/40 | 25 | 904.7540.90B | £12.60 |
| | 75/50 | 20 | 904.7550.90B | £12.60 |
| | 75/56 | 30 | 904.7556.90B | £12.60 |
| | 110/40 | 15 | 904.11040.90B | £18.48 |
| | 110/50 | 10 | 904.11050.90B | £18.48 |
| | 110/56 | 10 | 904.11056.90B | £18.48 |
| | 110/75 | 10 | 904.11075.90B | £18.48 |
| | 160/110 | 8 | 904.160110.90B | £102.87 |
| | 200/110 | 1 | 904.200110.90B* | £204.03 |
| | 200/160 | 1 | 904.200160.90B* | £204.03 |
| | 250/110 | 1 | 904.250110.90B* | £291.57 |
| | 250/160 | 1 | 904.250160.90B* | £291.57 |
| | 250/200 | 1 | 904.250200.90B* | £291.57 |
| | 315/110 | 1 | 904.315110.90B* | £342.97 |
|  | 315/160 | 1 | 904.315160.90B* | £342.97 |
| | 315/200 | 1 | 904.315200.90B* | £342.97 |
| | 315/250 | 1 | 904.315250.90B* | £342.97 |
| *Welded | | | | |
| HDPE 45° Y branch | | | | |
|  | 40 | 80 | 904.40.135B | £9.89 |
| | 50 | 50 | 904.50.135B | £10.24 |
| | 56 | 40 | 904.56.135B | £9.70 |
| | 75 | 20 | 904.75.135B | £11.94 |
| | 110 | 16 | 904.110.135B | £20.51 |
| | 160 | 45 | 904.160.135B | £94.64 |
| | 200 | 16 | 904.200.135B* | £305.26 |
| | 250 | 8 | 904.250.135B* | £514.52 |
| | 315 | 1 | 904.315.135B* | £754.63 |
| *Welded | | | | |

| Branches | | | | |
|---|---|------------------|------------------|------------|
| | Size mm | Pack Qty | Code | Price Each |
|  | HDPE 45° reducing Y branch | | | |
| | 50/40 | 20 | 904.5040.135B | £10.24 |
| | 56/50 | 20 | 904.5650.135B | £9.70 |
| | 75/40 | 25 | 904.7540.135B | £11.94 |
| | 75/50 | 25 | 904.7550.135B | £11.94 |
| | 75/56 | 25 | 904.7556.135B | £11.94 |
| | 110/40 | 10 | 904.11040.135B | £20.51 |
| | 110/50 | 15 | 904.11050.135B | £20.51 |
| | 110/56 | 15 | 904.11056.135B | £20.51 |
| | 110/75 | 8 | 904.11075.135B | £20.51 |
| | 160/75 | 6 | 904.16075.135B | £127.57 |
| | 160/110 | 7 | 904.160110.135B | £94.64 |
| | 200/75 | 1 | 904.20075.135B* | £190.30 |
| | 200/110 | 1 | 904.200110.135B* | £204.03 |
| | 200/160 | 1 | 904.200160.135B* | £212.63 |
| | 250/110 | 10 | 904.250110.135B* | £342.97 |
| | 250/160 | 1 | 904.250160.135B* | £377.32 |
| 250/200 | 1 | 904.250200.135B* | £377.32 | |
| 315/110 | 1 | 904.315110.135B* | £600.28 | |
| 315/160 | 1 | 904.315160.135B* | £600.28 | |
| 315/200 | 1 | 904.315200.135B* | £634.54 | |
| 315/250 | 1 | 904.315250.135B* | £634.54 | |
| *Welded | | | | |
|  | HDPE 60° double Y branch | | | |
| | 50/40 | 25 | 906.5040.60B | £12.60 |
| | 110/110 | 10 | 906.110.60B | £32.55 |
|  | HDPE 45° double branch | | | |
| | 110/40 | 10 | 906.11040.135B | £29.42 |
| | 110/50 | 10 | 906.11050.135B | £33.55 |
| | 110/110 | 8 | 906.110.135B | £37.69 |
|  | HDPE 88° swept branch | | | |
| | 56/56 | 40 | 904.56.92B | £17.55 |
| | 110/110 | 18 | 904.110.92B | £22.33 |
|  | UNIQUE HDPE 92.5° (87.5°) swept entry bossed branch | | | |
| | Fabrication only* | | | |
| | 5 Bosses. Bosses are butt weld only. | | | |
| | 110/110/56 | 17 | 904.110.925B | £56.77 |
| *Contact our Advantage team for further information on 01622 795200 | | | | |

| Branches | | | | |
|---|---------|----------|---------------|------------|
| | Size mm | Pack Qty | Code | Price Each |
| UNIQUE HDPE 92.5° (87.5°) single boss branch | | | | |
|  | 110/56 | 12 | 904.11090.12B | £103.00 |
| | | | | |
| HDPE 92.5° (87.5°) double branch | | | | |
|  | 110 | 6 | 906.110.92B | £51.34 |
| | | | | |
| HDPE 90° 4 way branch | | | | |
|  | 110/56 | 8 | 920.110.56B | £59.10 |
| | 160/56 | 15 | 920.160.56B | £102.87 |
| Note: 920.110.56B has one boss pre-drilled | | | | |
| UNIQUE HDPE 92.5° (87.5°) corner boss branch | | | | |
|  | 110 | 9 | 906.11090.12B | £128.82 |
| | | | | |
| HDPE 92.5° (87.5°) corner boss branch | | | | |
|  | 110 | 12 | 906.11090.92B | £77.17 |
| | | | | |
| HDPE 92.5° (87.5°) 3 way corner branch | | | | |
|  | 110 | 75 | 906.11093.92B | £103.00 |
| | | | | |
| UNIQUE Manifolds | | | | |
| | Size mm | Pack Qty | Code | Price Each |
| HDPE low level manifold | | | | |
|  | 110/56 | 5 | 919.110.56B | £120.43 |
| | | | | |

Weathering Aprons

| Size mm | Pack Qty | Code | Price Each |
|---------|----------|------|------------|
|---------|----------|------|------------|

HDPE weathering apron

| | | | |
|------------|-----------|---------------------|---------------|
| NEW | 13 | 931.110.200B | £14.50 |
|------------|-----------|---------------------|---------------|



Vent Cows

| Size mm | Pack Qty | Code | Price Each |
|---------|----------|------|------------|
|---------|----------|------|------------|

HDPE vent cowl

Spigot outlet.

| | | | | |
|------------|------------|------------|-----------------|---------------|
| NEW | 75 | 120 | 950.75B | £14.50 |
| NEW | 110 | 180 | 950.110B | £17.02 |
| NEW | 160 | 65 | 950.160B | £24.12 |



Solvent Weld
927.110B



Rigid fixing allows the provision of thermal expansion

Tension resistant fixed socket depth

Clamps can be removed if required

Unique UK style patented design Patent no. 170384



Butt Weld
927.110B

Reducers

| Size mm | Pack Qty | Code | Price Each |
|---------|----------|------|------------|
|---------|----------|------|------------|

HDPE concentric reducer

| | | | |
|---------|-----|-------------|---------|
| 50/40 | 50 | 924.5040B | £4.52 |
| 56/50 | 150 | 924.5650B | £4.93 |
| 75/40 | 50 | 924.7540B | £5.80 |
| 75/50 | 50 | 924.7550B | £5.80 |
| 75/56 | 50 | 924.7556B | £5.80 |
| 110/40 | 30 | 924.11040B | £9.09 |
| 110/50 | 30 | 924.11050B | £9.09 |
| 110/56 | 60 | 924.11056B | £9.09 |
| 110/75 | 30 | 924.11075B | £9.09 |
| 160/110 | 1 | 924.160110B | £16.14 |
| 200/160 | 1 | 924.200160B | £102.73 |



HDPE eccentric reducer

| | | | |
|---------|-----|-------------|--------|
| 50/40 | 50 | 923.5040B | £5.33 |
| 56/40 | 180 | 923.5640B | £4.26 |
| 56/50 | 30 | 923.5650B | £5.80 |
| 75/40 | 30 | 923.7540B | £7.04 |
| 75/50 | 30 | 923.7550B | £7.04 |
| 75/56 | 45 | 923.7556B | £7.04 |
| 110/40 | 25 | 923.11040B | £10.29 |
| 110/50 | 25 | 923.11050B | £10.29 |
| 110/56 | 25 | 923.11056B | £10.29 |
| 110/75 | 25 | 923.11075B | £10.29 |
| 160/110 | 10 | 923.160110B | £22.64 |



HDPE long eccentric reducer

| | | | |
|---------|---|--------------|---------|
| 160/110 | 5 | 923.160110LB | £123.41 |
| 200/110 | 8 | 923.200110LB | £164.51 |
| 200/160 | 1 | 923.200160LB | £164.51 |
| 250/200 | 1 | 923.250200LB | £267.40 |
| 315/200 | 1 | 923.315200LB | £370.19 |
| 315/250 | 1 | 923.315250LB | £370.19 |



Access

| Size mm | Pack Qty | Code | Price Each |
|---------|----------|------|------------|
|---------|----------|------|------------|

HDPE 90° access pipe with screw cap

| | | | |
|-------------------|-----------|---------------------|----------------|
| 50 | 40 | 938.50.90B | £40.41 |
| 56 | 20 | 938.56.90B | £41.12 |
| 75 | 30 | 938.75.90B | £44.55 |
| 110 | 8 | 938.110.90B* | £58.90 |
| UNIQUE 160 | 54 | 938.160.90B† | £138.80 |
| 200 | 1 | 938.200.90B | £240.08 |
| 250 | 1 | 938.250.90B | £308.71 |
| 315 | 1 | 938.315.90B | £372.86 |



*For spare door use 9938.110B

†

Ring Seal Couplings

| Size mm | Pack Qty | Code | Price Each |
|---------|----------|------|------------|
|---------|----------|------|------------|

HDPE 45° access pipe with screw cap

| | | | |
|---------|---|--------------|---------|
| 110/110 | 1 | 938.110.135B | £59.25 |
| 160/110 | 1 | 938.160.135B | £145.11 |



HDPE short end cap with seal

| | | | |
|-----|----|-----------|--------|
| 110 | 10 | 9938.110B | £13.45 |
|-----|----|-----------|--------|



HDPE screwed end cap

| | | | |
|----------------|-----------|------------------|---------------|
| 40 | 40 | 936.40B | £12.07 |
| 50 | 40 | 936.50B | £12.30 |
| 56 | 30 | 936.56B* | £17.92 |
| 75 | 30 | 936.75B | £28.77 |
| 110 | 20 | 936.110B* | £39.08 |
| NEW 160 | 10 | 936.160B* | £99.23 |



*Includes bung.

*Note: cap can also be used for the 938.75.90B

HDPE end cap with seal

| | | | |
|-----|----|------------|--------|
| 56 | 10 | 9936.56B | £11.87 |
| 110 | 20 | 9936.110B* | £30.22 |



*Includes bung.

HDPE short screwed cap

| | | | |
|-----------------|----|----------|--------|
| Butt weld only. | | | |
| 110 | 15 | 935.110B | £18.71 |



HDPE threaded union

| | | | |
|-----|-----|-----------|--------|
| 50 | 50 | 9122.50B | £5.94 |
| 56 | 10 | 9122.56B | £6.26 |
| 75 | 15 | 9122.75B | £9.89 |
| 110 | 100 | 9122.110B | £15.83 |



HDPE nut

| | | | |
|-----|----|-----------|--------|
| 50 | 10 | 9120.50B | £7.14 |
| 56 | 10 | 9120.56B | £8.07 |
| 75 | 10 | 9120.75B | £12.85 |
| 110 | 10 | 9120.110B | £19.69 |



HDPE threaded coupling

| | | | |
|-----|----|----------|--------|
| 40 | 40 | 912.40B | £10.50 |
| 50 | 40 | 912.50B | £11.36 |
| 56 | 25 | 912.56B | £11.36 |
| 75 | 20 | 912.75B | £31.84 |
| 110 | 15 | 912.110B | £40.74 |



Blank Ends

| Size mm | Pack Qty | Code | Price Each |
|---------|----------|------|------------|
|---------|----------|------|------------|

HDPE blank end

Butt weld only

| | | | |
|-----|-----|----------|--------|
| 40 | 100 | 930.40B | £5.08 |
| 50 | 250 | 930.50B | £4.31 |
| 56 | 250 | 930.56B | £4.31 |
| 75 | 30 | 930.75B | £4.31 |
| 110 | 40 | 930.110B | £10.24 |
| 160 | 20 | 930.160B | £41.15 |
| 200 | 15 | 930.200B | £58.29 |
| 250 | 1 | 930.250B | £75.47 |
| 315 | 1 | 930.315B | £85.76 |



HDPE long blank end

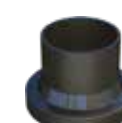
Butt weld or Electrofusion

| | | | |
|----------------|------------|------------------|---------------|
| NEW 40 | 120 | 930.40LB | £6.86 |
| NEW 50 | 90 | 930.50LB | £5.83 |
| NEW 56 | 60 | 930.56LB | £5.83 |
| NEW 75 | 30 | 930.75LB | £5.83 |
| NEW 110 | 36 | 930.110LB | £13.85 |
| NEW 160 | 16 | 930.160LB | £55.56 |



HDPE flange adapter

| | | | |
|-----|----|----------|---------|
| 50 | 40 | 980.50B | £30.81 |
| 56 | 1 | 980.56B | £30.81 |
| 75 | 1 | 980.75B | £42.71 |
| 110 | 20 | 980.110B | £47.19 |
| 160 | 10 | 980.160B | £80.62 |
| 200 | 4 | 980.200B | £154.38 |
| 250 | 5 | 980.250B | £267.52 |
| 315 | 6 | 980.315B | £456.17 |



Flange jointing set

| | | | |
|--------------------------|----------|------------|---------|
| M16x90 (50-56 flange) | 1(4pcs) | 984.1650B | £17.19 |
| M16x100 (63-75 flange) | 1(4pcs) | 984.1663B | £19.25 |
| M16x110 (110-140 flange) | 1(8pcs) | 984.16110B | £44.59 |
| M20x110 (160 flange) | 1(8pcs) | 984.20160B | £65.22 |
| M20x130 (200-315 flange) | 1(12pcs) | 984.20250B | £120.05 |



Rubber flange seal

| | | | |
|-----|----|----------|--------|
| 50 | 1 | 982.50B | £5.11 |
| 56 | 1 | 982.56B | £6.85 |
| 75 | 1 | 982.75B | £7.07 |
| 110 | 1 | 982.110B | £13.70 |
| 160 | 1 | 982.160B | £16.33 |
| 200 | 30 | 982.200B | £19.71 |
| 250 | 1 | 982.250B | £34.27 |
| 315 | 1 | 982.315B | £44.55 |



Painted aluminium backing ring

| | | | |
|-----|---|----------|---------|
| 50 | 1 | 981.50B | £44.48 |
| 56 | 1 | 981.56B | £47.85 |
| 75 | 1 | 981.75B | £58.16 |
| 110 | 1 | 981.110B | £68.44 |
| 160 | 1 | 981.160B | £119.92 |
| 200 | 5 | 981.200B | £171.38 |
| 250 | 1 | 981.250B | £250.24 |
| 315 | 1 | 981.315B | £342.90 |







Painted aluminium blank flange




| | | | |
|-----|---|----------|---------|
| 50 | 1 | 983.50B | £101.15 |
| 56 | 1 | 983.56B | £74.05 |
| 75 | 1 | 983.75B | £78.14 |
| 110 | 1 | 983.110B | £123.41 |
| 160 | 1 | 983.160B | £205.61 |
| 200 | 8 | 983.200B | £267.52 |
| 250 | 1 | 983.250B | £370.42 |
| 315 | 1 | 983.315B | £686.05 |














| Utilities | | | | |
|--|---------|----------|---------------|------------|
| | Size mm | Pack Qty | Code | Price Each |
| HDPE WC pan connector - white | | | | |
|  | 110 | 10 | 925.110W | £51.28 |
| HDPE straight WC pan connector with seal and cap | | | | |
|  | 90/100 | 10 | 999.90100.00B | £59.66 |
| HDPE double WC pan connector with 1 lip seals and caps | | | | |
|  | 110/110 | 5 | 929.110.90DB | £140.20 |
| HDPE bend for wall hung pan with 1 lip seal and cap, left | | | | |
|  | 110/110 | 5 | 949.110LB | £80.58 |
| | 110/90 | 5 | 949.11090LB | £80.58 |
| HDPE bend for wall hung pan with 1 lip seal and cap, right | | | | |
|  | 110/110 | 5 | 949.110RB | £80.58 |
| | 110/90 | 5 | 949.11090RB | £80.58 |
| HDPE WC pan connectors | | | | |
|  | 110/110 | 5 | 949.110DB | £205.61 |
| HDPE connector for wall hung pan with seal & white covering | | | | |
|  | 110/44 | 10 | 925.11044B | £44.74 |
| HDPE WC bend for hanging pan with seal and cap | | | | |
|  | 110/110 | 10 | 999.110.90B | £70.05 |
| HDPE trap with seal and cap | | | | |
|  | 110 | 5 | 9631.110.0B | £89.50 |





| Utilities | | | | |
|---|----------|----------|---------------|------------|
| | Size mm | Pack Qty | Code | Price Each |
| HDPE WC connector for PVC with ring seal | | | | |
|  | 100 | 10 | 925.100B | £47.74 |
| HDPE universal trap, vertical inlet and horizontal outlet | | | | |
|  | 75 | 1 | 931.75B | £168.82 |
| | 110 | 4 | 931.110B | £218.59 |
| HDPE trap, vertical inlet and horizontal outlet | | | | |
|  | 40/40 | 30 | 931.4040B | £65.62 |
| | 40/50 | 80 | 931.4050B | £86.49 |
| | 40/56 | 10 | 931.4056B | £86.53 |
| | 50/50 | 10 | 931.5050B | £65.62 |
| | 50/56 | 10 | 931.5056B | £86.53 |
| HDPE trap - vertical inlet and outlet | | | | |
|  | 40/40 | 50 | 932.4040B | £86.53 |
| | 40/50 | 10 | 932.4050B | £86.53 |
| | 40/56 | 10 | 932.4056B | £86.53 |
| | 50/50 | 10 | 932.5050B | £86.53 |
| | 50/56 | 10 | 932.5056B | £86.53 |
| HDPE trap - horizontal inlet and outlet | | | | |
|  | 40/40 | 15 | 945.4040B | £86.53 |
| | 40/50 | 10 | 945.4050B | £86.53 |
| | 50/50 | 10 | 945.5050B | £107.39 |
| HDPE fitting with nut - *brass *plastic | | | | |
|  | 40mm/1¼" | 50 | 918.40.125BN† | £12.52 |
| | 40mm/1½" | 50 | 918.40.15BN† | £11.94 |
| | 50mm/1¼" | 40 | 918.50.125BN† | £11.36 |
| | 50mm/1½" | 40 | 918.50.15BN† | £12.55 |
| | 40mm/1¼" | 40 | 918.40.125PN* | £10.43 |
| | 40mm/1½" | 40 | 918.40.15PN* | £10.47 |
| | 50mm/1¼" | 30 | 918.50.125PN* | £10.43 |
| | 50mm/1½" | 80 | 918.50.15PN* | £11.05 |

| Utilities | | | | |
|---|--------------|----------|--------------------|------------|
| | Size mm | Pack Qty | Code | Price Each |
| HDPE extended fitting with nut - *brass *plastic | | | | |
|  | 40mm/1¼" | 20 | 918.40.125EB† | £18.79 |
| | 40mm/1½" | 20 | 918.40.15EBN† | £18.80 |
| | 50mm/1¼" | 20 | 918.50.125EBN† | £22.34 |
| | 50mm/1½" | 20 | 918.50.15EBN† | £22.37 |
| | 40mm/1¼" | 20 | 918.40.125EPN* | £16.98 |
| | 40mm/1½" | 20 | 918.40.15EPN* | £17.01 |
| | 50mm/1¼" | 20 | 918.50.125EPN* | £19.38 |
| | 50mm/1½" | 20 | 918.50.15EPN* | £19.38 |
| HDPE female iron | | | | |
|  | 40mm x ½" | 40 | 916.40.05B | £56.73 |
| | 40mm x ¾" | 20 | 916.40.075B | £56.73 |
| | 40mm x 1" | 20 | 916.40.1B | £56.73 |
| | 50mm x ½" | 20 | 916.50.05B | £83.50 |
| | 50mm x ¾" | 20 | 916.50.075B | £83.50 |
| | 50mm x 1" | 20 | 916.50.1B | £83.50 |
| | 50mm x 1¼" | 30 | 916.50.125B | £83.50 |
| | 50mm x 1½" | 50 | 916.50.15B | £83.50 |
| | 56mm x 2" | 50 | 916.56.2B | £101.43 |
| | 75mm x 2½" | 5 | 916.75.25B | £96.03 |
| HDPE male iron | | | | |
|  | 50mm x 1¼" | 10 | 917.50.125B | £83.50 |
| | 50mm x 1½" | 50 | 917.50.15B | £83.50 |
| | 56mm x 2" | 100 | 917.56.2B | £101.43 |
| | 75mm x 2½" | 5 | 917.75.25B | £99.47 |
| HDPE threaded fitting with brass nipple | | | | |
|  | 40mm/½" x 15 | 40 | 936.40.05NB | £65.62 |
| | 40mm/¾" x 18 | 10 | 936.40.075NB | £65.62 |
| | 50mm/½" x 15 | 5 | 936.50.05NB | £65.62 |
| | 50mm/¾" x 18 | 5 | 936.50.075NB | £65.62 |
| | 50mm/1" x 22 | 5 | 936.50.1NB | £65.62 |
| HDPE bend with nut - *brass *plastic | | | | |
|  | 40mm/1¼" | 20 | 918.40.125.90BN* | £11.04 |
| | 40mm/1½" | 20 | 918.40.15.90BN* | £11.36 |
| | 40mm/1½" | 20 | 918.40.15.90PN* | £10.43 |
| HDPE reducing bend with nut - *brass *plastic | | | | |
|  | 40/50mm/1¼" | 20 | 918.4050.125.90BN* | £11.04 |
| | 40/50mm/1½" | 25 | 918.4050.15.90BN* | £11.36 |
| | 40/50mm/1¼" | 20 | 918.4050.125.90PN* | £9.89 |
| | 40/50mm/1½" | 20 | 918.4050.15.90PN* | £10.74 |

| Utilities | | | | |
|---|----------|----------|---------------|------------|
| | Size mm | Pack Qty | Code | Price Each |
| HDPE sleeve | | | | |
|  | 40/46 | 50 | 917.4046B | £3.89 |
| | 50/46 | 50 | 917.5046B | £3.97 |
| | 50/58 | 50 | 917.5058B | £4.49 |
| | 56/46 | 50 | 917.5646B | £4.49 |
| | 56/58 | 50 | 917.5658B | £4.49 |
| HDPE gasket | | | | |
|  | 46/24-32 | 150 | 917.4624.908B | £2.69 |
| | 46/36-40 | 150 | 917.4636.908B | £1.30 |
| | 58/36-40 | 100 | 917.5836.908B | £2.69 |
| | 58/47-50 | 100 | 917.5847.908B | £2.69 |
| HDPE spigot bend with cap | | | | |
|  | 40/46 | 40 | 917.4046.90B | £4.49 |
| | 50/46 | 40 | 917.5046.90B | £4.49 |
| | 50/58 | 20 | 917.5058.90B | £5.24 |
| | 56/46 | 20 | 917.5646.90B | £5.24 |
| | 56/58 | 20 | 917.5658.90B | £5.24 |

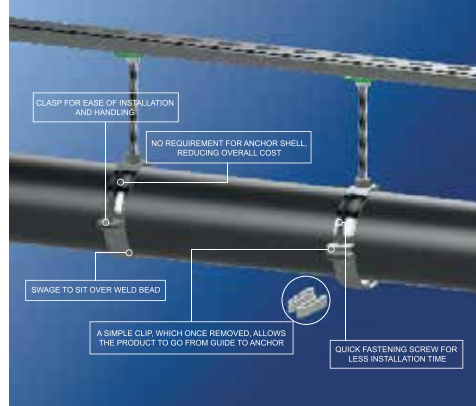
| Utilities | | | | |
|--|---|----------|---------------------|---------------|
| | Size mm | Pack Qty | Code | Price Each |
| HDPE protective cap for socket | | | | |
|  | 40 | 40 | 9130.40B | £1.04 |
| | 50 | 150 | 9130.50B | £1.04 |
| | 56 | 160 | 9130.56B | £1.04 |
| | 75 | 30 | 9130.75B | £1.06 |
| | 110 | 60 | 9130.110B | £1.47 |
| | 160 | 10 | 9130.160B | £2.69 |
| | 200 | 5 | 9130.200B | £3.33 |
| HDPE ring | | | | |
|  | Suitable for 912 HDPE threaded coupling. | | | |
| | 50 | 10 | 9118.50B | £2.09 |
| | 56 | 10 | 9118.56B | £3.13 |
| | 75 | 10 | 9118.75B | £2.84 |
| | 110 | 10 | 9118.110B | £3.44 |
| HDPE ring seal | | | | |
|  | Suitable for 912 HDPE threaded coupling. | | | |
| | 50 | 10 | 9119.50B | £1.30 |
| | 56 | 50 | 9119.56B | £1.96 |
| | 75 | 10 | 9119.75B | £2.84 |
| | 110 | 20 | 9119.110B | £2.84 |
| HDPE 1 lip seal for sockets | | | | |
|  | Suitable for 927 HDPE ring seal adaptors. | | | |
| | 100 | 20 | 927.100.908B | £1.04 |
| | 110 | 20 | 927.110.908B | £1.04 |
| | 160 | 20 | 927.160.908B | £2.39 |
| | 200 | 20 | 927.200.908B | £4.18 |
| | 250 | 1 | 927.250.908B | £8.36 |
| HDPE O ring for adaptors - PVC | | | | |
|  | Suitable for 9113.110100B PVC adaptor. | | | |
| | 100 | 20 | 9113.908B | £0.65 |
| HDPE O ring for sockets | | | | |
|  | 40 | 20 | 9116.40B | £0.55 |
| | 50 | 20 | 9116.50B | £0.65 |
| | 75 | 20 | 9116.75B | £0.99 |
| | 110 | 20 | 9116.110B | £1.65 |
| | 160 | 20 | 9116.160B | £4.18 |
| HDPE seal for expansion sockets | | | | |
|  | Suitable for 911 HDPE expansion joint. | | | |
| | 40 | 20 | 911.40.908B | £1.47 |
| | 50 | 20 | 911.50.908B | £1.65 |
| | 56 | 20 | 911.56.908B | £2.54 |
| | 75 | 20 | 911.75.908B | £3.33 |
| | 110 | 50 | 911.110.908B | £4.18 |
| | 160 | 10 | 911.160.908B | £5.68 |
| | 200 | 10 | 911.200.908B | £14.32 |

| Anchors and brackets | | | | |
|--|---|----------|------------------|---------------|
| | Size mm | Pack/Box | Code | Price Each |
| Anchor / Guide Bracket | | | | |
|  | Guide bracket performs as an anchor with removal of the plastic clips. For larger diameter we recommend M16 brackets. | | | |
| | 40mm x M10 | 50 | 9140.40B | £5.94 |
| | 50mm x M10 | 50 | 9140.50B | £8.23 |
| | 56mm x M10 | 50 | 9140.56B | £8.42 |
| | 75mm x M10 | 25 | 9140.75B | £8.89 |
| | 110mm x M10 | 25 | 9140.110B | £10.28 |
| | 160mm x M10 | 25 | 9140.160B | £12.22 |
| | 200mm x M10 | 25 | 9140.200B | £44.48 |
| | 250mm x M10 | 10 | 9140.250B | £45.00 |
| | 315mm x M10 | 10 | 9140.315B | £52.47 |
| RECOMMENDED M16 bracket | | | | |
|  | 200mm x M16 | 15 | 9149.200B | £67.82 |
| | 250mm x M16 | 2 | 9149.250B | £67.82 |
| | 315mm x M16 | 2 | 9149.315B | £69.49 |
| Acoustic pipe bracket | | | | |
|  | 110 | 15 | 9140.110R | £25.77 |
| | 160 | 1 | 9140.160R | £34.53 |
| Mounting plate | | | | |
|  | M10 | 100 | 9148.10B | £7.79 |
| | G1" | 25 | 9148.25B | £9.62 |

| Anchors and brackets | | | | |
|---|------------------------------|----------|--------------------|----------------|
| | Size mm | Pack Qty | Code | Price Each |
|  | Rubber flat seal | | | |
| | 40mm x ¼" | 10 | 918.40.908B | £0.37 |
| | 40mm x ½" | 10 | 918.40.918B | £0.37 |
|  | Threaded bar | | | |
| | M10 x 1 metre | 1 | 9147B | £4.49 |
| | M16 x 1 metre | 1 | 9149B | £13.71 |
|  | Rubber insert strip | | | |
| | For acoustic brackets | | | £58.94 |
| | 40mm x 10m | 2 | 9104.40B | |
|  | Anti vibration insert | | | |
| | For acoustic brackets | | | £188.70 |
| | 30mm x 30 (58mm-314mm) | 1 | 9105.30B | |

2 IN 1 BRACKET, WORKS AS A GUIDE OR ANCHOR

• MULTI-FUNCTIONAL PRODUCT TO STORE LESS PRODUCT, RESULTING IN LARGE REDUCTION OF SKU
 • INSTALL WITH OUR NEW FORMING BACK PLATE (9148.10B), CHANGED TO A RECTANGULAR SHAPE, FOR EASY INSTALLATION.
 • FOR LARGER DIAMETER SIZES, WE RECOMMEND M16 BRACKETS (9149)

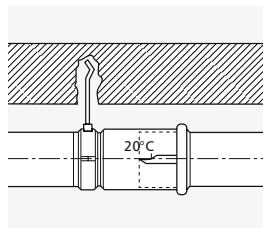


| Electrofusion Machines | | | |
|--|---------------|------------------|------------|
| Description | Pack Quantity | Code | Price Each |
| FUZE electrofusion welding machine 40-315mm | | | |
| 40 to 315mm | 1 | 9000.40315.110V* | £3,091.58 |
| Note: A different discount structure applies to the electrofusion welding machine. | | | |
| Replacement leads | | | |
| 40 - 160mm (Yellow) | 1 | AW00-2003 | £196.29 |
| 200 - 315mm (Blue) | 1 | AW00-2004 | £220.84 |
| HDPE pipe scraper | | | |
| | 10 | 9507T | £83.50 |
| Pipe cutter | | | |
| 40 to 63mm | 1 | 9500.663T | £351.99 |
| 50 to 140mm | 1 | 9500.50140T | £507.11 |
| 100 to 160mm | 1 | 9500.100160T | £566.76 |
| 180 to 315mm | 1 | 9500.180315T | £2,434.69 |
| HDPE pencils | | | |
| | 1 (12Pcs.) | 9508T | £138.70 |
| HDPE knife | | | |
| | 1 (12Pcs.) | 9504T | £259.53 |
| Bevelling tool | | | |
| 40 to 250mm | 1 | 9502.40250T | £689.06 |
| 32 to 160mm | 1 | 9502.32160T | £447.42 |
| *For hiring details, please call local TSM. | | | |

| Universal Electrofusion Machine Spares | | | | |
|--|--------|------------------|----------------|--|
| Description | Cables | Code | Price Each | |
| 40 - 160mm | Yellow | HDC464334 | £587.00 | |
| 200 - 315mm | Blue | HDC464335 | £587.00 | |

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.

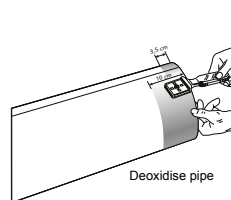
The electrical resistance wires will not corrode as they are protected by HDPE after welding.



Pipe scraper



Terrain FUZE Box

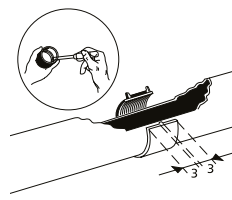


Cut the pipe squarely, dry, clean and scrape the welding surfaces.

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.

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| 901.315.165B | 1 | £168.60 | 56 |
| 902.56.90B | 20 | £6.43 | 56 |
| 902.110.90B | 10 | £20.88 | 56 |
| 904.40.135B | 80 | £9.89 | 56 |
| 904.40.90B | 100 | £8.07 | 56 |
| 904.50.135B | 50 | £10.24 | 56 |
| 904.50.90B | 70 | £10.24 | 56 |
| 904.56.135B | 40 | £9.70 | 56 |
| 904.56.90B | 40 | £10.24 | 56 |
| 904.56.92B | 40 | £17.55 | 57 |
| 904.75.135B | 20 | £11.94 | 56 |
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| 9120.56B | 10 | £9.07 | 59 | | | | |
| 9120.75B | 10 | £12.85 | 59 | | | | |
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| 9130.50B | 150 | £1.04 | 62 | | | | |
| 9130.56B | 160 | £1.04 | 62 | | | | |
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| 9140.56B | 50 | £8.42 | 62 | | | | |
| 9140.75B | 25 | £8.89 | 62 | | | | |
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| 9149.200B | 15 | £67.82 | 62 | | | | |
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- 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 regulator provides ventilation to branch pipework. It is generally installed on the pipe behind the appliance trap.

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 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 regulator 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 Polytype pipework.

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

| Terrain P.A.P.A.® and Pleura Vent System | | | | |
|---|----------|----------|----------|------------|
| | Size mm | Pack/Box | Code | Price Each |
| Terrain P.A.P.A. Valve | | | | |
|  | 75-110 ♡ | 1 | 9300.4 | £955.98 |
| Terrain Pleura 100 Valve | | | | |
|  | 75-110 ♡ | 1 | 9301.34 | £195.07 |
| Terrain Pleura 50 Valve | | | | |
|  | 32-63 ♡ | 1 | 9301.253 | £84.89 |

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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 noise reducing drainage systems. Its multi-layer noise reducing system also provides increased fire retardancy, with a fire classification of B-s1, d0*, crucial for today's:

- 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 drainage and noise reducing project requirements.

Terrain Q Benefits

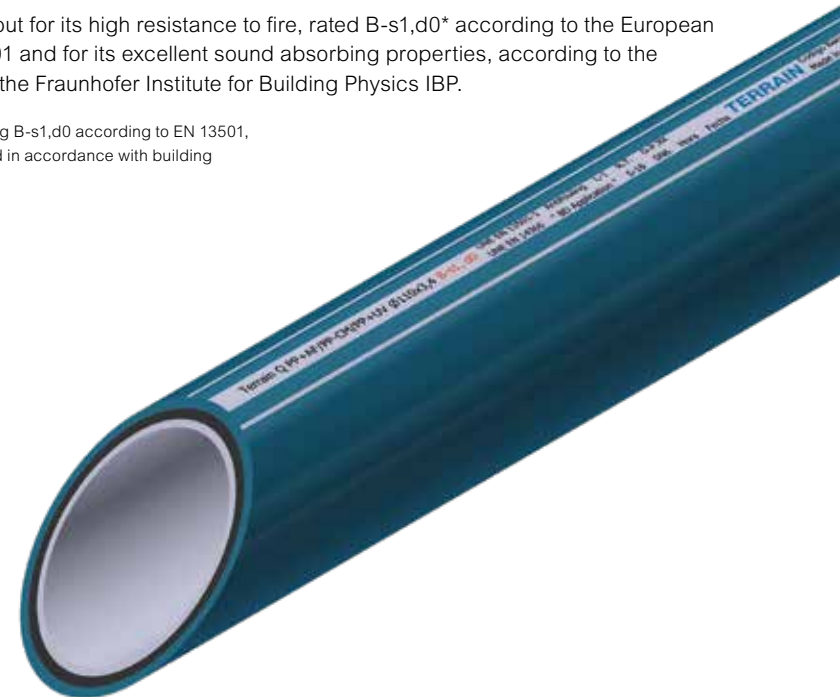
- Low Noise Transmission
- Fire Classification B-s1, d0
- Chemical Resistance
- Anti- Fouling
- Increased Mechanical Strength
- Push-Fit Jointing
- UV Protection
- Abrasion Resistance
- Easy Handling

Terrain Q 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.




| Pipes | | | | |
|--|----------|----------|---------------|------------|
| | Size mm | Pack Qty | Code | Price Each |
| Single socket pipe | | | | |
|  | 40 (3m) | 30 | 700P.40.30B | £35.34 |
| | 50 (3m) | 30 | 700P.50.30B | £32.26 |
| | 75 (3m) | 30 | 700P.75.30B | £52.74 |
| | 110 (3m) | 15 | 700P.110.30B | £91.46 |
| | 160 (3m) | 10 | 700P.160.30B | £193.04 |
| | 200 (3m) | 10 | 700P.200.30B | £369.87 |
| Fittings | | | | |
| | Size mm | Pack Qty | Code | Price Each |
| Bend 15° | | | | |
|  | 110 | 12 | 707P.110.165B | £35.11 |
| | | | | |
| Bend 30° | | | | |
|  | 110 | 30 | 707P.110.150B | £36.85 |
| | | | | |
| Bend 45° | | | | |
|  | 40 | 50 | 707P.40.135B | £7.08 |
| | 50 | 70 | 707P.50.135B | £9.19 |
| | 75 | 16 | 707P.75.135B | £15.98 |
| | 110 | 16 | 707P.110.135B | £39.12 |
| | 160 | 6 | 707P.160.135B | £81.23 |
| | 200 | 2 | 707P.200.135B | £356.47 |
| Bend 87° | | | | |
|  | 40 | 110 | 707P.40.92B | £7.08 |
| | 50 | 70 | 707P.50.92B | £9.19 |
| | 75 | 20 | 707P.75.92B | £15.98 |
| | 110 | 20 | 707P.110.92B | £41.11 |
| | 160 | 3 | 707P.160.92B | £86.61 |
| | 200 | 1 | 707P.200.92B | £415.93 |
| Double Socket Bend 45° | | | | |
|  | 110 | 16 | 701P.110.135B | £51.25 |
| | | | | |
| Double Socket | | | | |
| Double Socket Bend 87° | | | | |
|  | 110 | 20 | 701P.110.92B | £52.97 |
| | | | | |
| Double Socket | | | | |

| Fittings | | | | |
|---|---------|----------|------------------|------------|
| | Size mm | Pack Qty | Code | Price Each |
| Branch 45° | | | | |
|  | 40 | 25 | 704P.40.135B | £16.25 |
| | 50 | 30 | 704P.50.135B | £19.74 |
| | 75 | 15 | 704P.75.135B | £56.98 |
| | 110 | 10 | 704P.110.135B | £66.80 |
| | 160 | 3 | 704P.160.135B | £180.59 |
| | 200 | 1 | 704P.200.135B | £616.20 |
| Branch 87° | | | | |
|  | 40 | 30 | 704P.40.92B | £15.55 |
| | 50 | 40 | 704P.50.92B | £18.30 |
| | 75 | 15 | 704P.75.92B | £56.98 |
| | 110 | 12 | 704P.110.92B | £120.45 |
| | 160 | 3 | 704P.160.92B | £288.72 |
| | 200 | 1 | 704P.200.92B | £655.80 |
| Reducing branch 45° | | | | |
|  | 50/40 | 20 | 704P.5040.135B | £19.74 |
| | 75/50 | 20 | 704P.7550.135B | £56.98 |
| | 110/50 | 20 | 704P.11050.135B | £44.10 |
| | 110/75 | 10 | 704P.11075.135B | £66.80 |
| | 160/110 | 3 | 704P.160110.135B | £130.84 |
| | 200/160 | 1 | 704P.200160.135B | £444.51 |
| Reducing branch 87° | | | | |
|  | 110/50 | 20 | 704P.11050.92B | £44.10 |
| | 110/75 | 10 | 704P.11075.92B | £120.45 |
| | 160/110 | 3 | 704P.160110.92B | £230.99 |
| | | | | |
| Fully socketed branch 45° | | | | |
|  | 110 | 10 | 704E.110.135B | £76.40 |
| | | | | |
| Double branch 45° | | | | |
|  | 110 | 2 | 706P.110.135B | £130.73 |
| | | | | |
| Double branch 87° | | | | |
|  | 110 | 2 | 706P.110.90B | £251.59 |
| | | | | |

| Fittings | | | | |
|---|---------|----------|--------------|------------|
| | Size mm | Pack Qty | Code | Price Each |
| Eccentric reducer | | | | |
|  | 50/40 | 50 | 723P.5040B | £8.81 |
| | 75/50 | 20 | 723P.7550B | £31.39 |
| | 110/50 | 24 | 723P.11050B | £41.54 |
| | 110/75 | 20 | 723P.11075B | £44.86 |
| | 160/110 | 24 | 723P.160110B | £48.20 |
| | 200/160 | 5 | 723P.200160B | £413.76 |
| Short Eccentric Reducer | | | | |
|  | 75/50 | 30 | 724P.7550B | £13.14 |
| | 110/50 | 30 | 724P.11050B | £13.51 |
| | 110/75 | 30 | 724P.11075B | £19.10 |
| Double depth socket | | | | |
|  | 50 | 30 | 711P.50B | £15.68 |
| | 110 | 12 | 711P.110B | £18.81 |
| Slip coupler | | | | |
| No central stop | | | | |
|  | 40 | 50 | 711P.S.40B | £10.28 |
| | 50 | 50 | 711P.S.50B | £11.66 |
| | 75 | 30 | 711P.S.75B | £17.19 |
| | 110 | 20 | 711P.S.110B | £24.81 |
| | 160 | 2 | 711P.S.160B | £69.85 |
| | 200 | 5 | 711P.S.200B | £281.39 |
| Double socket | | | | |
| With central stop. | | | | |
|  | 40 | 50 | 710P.40B | £10.29 |
| | 50 | 50 | 710P.50B | £10.96 |
| | 75 | 50 | 710P.75B | £17.19 |
| | 110 | 48 | 710P.110B | £36.12 |
| | 160 | 10 | 710P.160B | £67.09 |
| | 200 | 2 | 710P.200B | £498.67 |
| Access with cap | | | | |
|  | 50 | 16 | 738P.50.90B | £25.78 |
| | 75 | 10 | 738P.75.90B | £44.51 |
| | 110 | 13 | 738P.110.90B | £82.75 |
| | 160 | 6 | 738P.160.90B | £188.37 |
| | 200 | 2 | 738P.200.90B | £695.18 |
| Socket plug | | | | |
|  | 40 | 25 | 730P.40B | £7.08 |
| | 50 | 25 | 730P.50B | £10.67 |
| | 75 | 50 | 730P.75B | £31.26 |
| | 110 | 40 | 730P.110B | £23.95 |
| | 160 | 40 | 730P.160B | £84.80 |
| | 200 | 20 | 730P.200B | £353.20 |

| PVC Fittings | | | | |
|---|-------------------------|----------|--------------|------------|
| | Size mm | Pack Qty | Code | Price Each |
|  | Double equal branch | | | |
| | 110 | 2 | 706P.104.92B | £223.54 |
| | Can be solvent welded. | | | |
| For use with Terrain 117 boss adaptors on page 34. | | | | |
|  | Single branch | | | |
| | 110 | 8 | 704P.104.92B | £120.45 |
| | Can be solvent welded. | | | |
| For use with Terrain 117 boss adaptors on page 34. | | | | |
|  | Four way boss | | | |
| | 110 | 15 | 720P.412.2B | £49.12 |
| | Can be solvent welded. | | | |
| For use with Terrain 117 boss adaptors on page 34. | | | | |
|  | Corner boss branch | | | |
| | 110 | 6 | 706P.490.12B | £440.86 |
| | Can be solvent welded. | | | |
|  | Universal soil manifold | | | |
| | 110 | 5 | 719P.412.15B | £116.05 |
| | Can be solvent welded. | | | |
|  | Adaptors | | | |
| | 40mm to 1.5 Inch | 50 | 6789/DVW | £10.07 |
| | 50mm to 2 Inch | 75 | 6790/DVW | £9.97 |
| | Can be solvent welded. | | | |

| Brackets | | | | |
|---|-------------------|----------|-----------|------------|
| | Size mm | Pack Qty | Code | Price Each |
|  | Acoustic brackets | | | |
| | 40 | M10 50 | 9140.40R | £9.21 |
| | 50 | M10 50 | 9140.50R | £9.84 |
| | 75 | M10 50 | 9140.75R | £13.70 |
| | 110 | M10 15 | 9140.110R | £25.77 |
| | 160 | M10 1 | 9140.160R | £34.53 |

| Index | | | | Index | | | |
|---------------------------|----------|---------|------|---------------|----------|---------|------|
| Code | Pack Qty | Price | Page | Code | Pack Qty | Price | Page |
| Terrain Q Pipes | | | | 707P.75.92B | 20 | £15.98 | 70 |
| 700P.40.30B | 30 | £35.34 | 70 | 707P.110.135B | 16 | £39.12 | 70 |
| 700P.50.30B | 30 | £32.26 | 70 | 707P.110.150B | 30 | £36.85 | 70 |
| 700P.75.30B | 30 | £52.74 | 70 | 707P.110.165B | 12 | £35.11 | 70 |
| 700P.110.30B | 15 | £91.46 | 70 | 707P.110.92B | 20 | £41.11 | 70 |
| 700P.160.30B | 10 | £193.04 | 70 | 707P.160.135B | 6 | £81.23 | 70 |
| 700P.200.30B | 10 | £369.67 | 70 | 707P.160.92B | 3 | £86.61 | 70 |
| Terrain Q Fittings | | | | 707P.200.135B | 2 | £356.47 | 70 |
| 6789/DVW | 50 | £10.07 | 71 | 707P.200.92B | 1 | £415.93 | 70 |
| 6790/DVW | 75 | £9.97 | 71 | 710P.110B | 48 | £36.12 | 71 |
| 701P.110.135B | 16 | £51.25 | 70 | 710P.160B | 10 | £67.09 | 71 |
| 701P.110.92B | 20 | £52.97 | 70 | 710P.200B | 2 | £498.67 | 71 |
| 704E.110.135B | 10 | £76.40 | 70 | 710P.40B | 50 | £10.29 | 71 |
| 704P.40.135B | 25 | £16.25 | 70 | 710P.50B | 50 | £10.96 | 71 |
| 704P.40.92B | 30 | £15.55 | 70 | 710P.75B | 50 | £17.19 | 71 |
| 704P.50.135B | 30 | £19.74 | 70 | 711P.110B | 12 | £18.81 | 71 |
| 704P.50.92B | 40 | £18.30 | 70 | 711P.50B | 30 | £15.68 | 71 |
| 704P.75.135B | 15 | £56.98 | 70 | 711P.S.110B | 20 | £24.81 | 71 |
| 704P.75.92B | 15 | £56.98 | 70 | 711P.S.160B | 2 | £69.85 | 71 |
| 704P.104.92B | 8 | £120.45 | 71 | 711P.S.200B | 5 | £281.39 | 71 |
| 704P.110.135B | 10 | £66.80 | 70 | 711P.S.40B | 50 | £10.28 | 71 |
| 704P.110.92B | 12 | £120.45 | 70 | 711P.S.50B | 50 | £11.66 | 71 |
| 704P.160.135B | 3 | £180.59 | 70 | 711P.S.75B | 30 | £17.19 | 71 |
| 704P.160.92B | 3 | £288.72 | 70 | 719P.412.15B | 5 | £116.05 | 71 |
| 704P.200.135B | 1 | £616.20 | 70 | 720P.412.2B | 15 | £49.12 | 71 |
| 704P.200.92B | 1 | £655.80 | 70 | 723P.11050B | 24 | £41.54 | 71 |
| 704P.5040.135B | 20 | £19.74 | 70 | 723P.11075B | 20 | £44.86 | 71 |
| 704P.7550.135B | 20 | £56.98 | 70 | 723P.160110B | 24 | £48.20 | 71 |
| 704P.11050.135B | 20 | £44.10 | 70 | 723P.200160B | 5 | £413.76 | 71 |
| 704P.11050.92B | 20 | £44.10 | 70 | 723P.5040B | 50 | £8.81 | 71 |
| 704P.11075.135B | 10 | £66.80 | 70 | 723P.7550B | 20 | £31.39 | 71 |
| 704P.11075.92B | 10 | £120.45 | 70 | 724P.11050B | 30 | £13.51 | 71 |
| 704P.160110.135B | 3 | £130.84 | 70 | 724P.11075B | 30 | £19.10 | 71 |
| 704P.160110.92B | 3 | £230.99 | 70 | 724P.7550B | 30 | £13.14 | 71 |
| 704P.200160.135B | 1 | £444.51 | 70 | 730P.110B | 40 | £23.95 | 71 |
| 706P.104.92B | 2 | £223.54 | 71 | 730P.160B | 40 | £84.80 | 71 |
| 706P.110.135B | 2 | £130.73 | 70 | 730P.200B | 20 | £353.20 | 71 |
| 706P.110.90B | 2 | £251.59 | 70 | 730P.40B | 25 | £7.08 | 71 |
| 706P.490.12B | 6 | £440.86 | 71 | 730P.50B | 25 | £10.67 | 71 |
| 707P.40.135B | 50 | £7.08 | 70 | 730P.75B | 50 | £31.26 | 71 |
| 707P.40.92B | 110 | £7.08 | 70 | 738P.50.90B | 16 | £25.78 | 71 |
| 707P.50.135B | 70 | £9.19 | 70 | 738P.75.90B | 10 | £44.51 | 71 |
| 707P.50.92B | 70 | £9.19 | 70 | 738P.110.90B | 13 | £82.75 | 71 |
| 707P.75.135B | 16 | £15.98 | 70 | 738P.160.90B | 6 | £188.37 | 71 |
| | | | | 738P.200.90B | 2 | £895.18 | 71 |



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.



Terrain

| Pipe | | | | | |
|--|------------|-------|-----|----------|-----------------------|
| | Size mm | Angle | Col | Pack/Box | Code Price Each |
| Pipe plain ended | | | | | |
|  | 82 (5.8m) | | T | 1/88 | 3DP58 £257.91 |
| | 110 (5.8m) | ♥ | T | 1/67 | 4DP58X £285.25 |
| | 160 (5.8m) | ♥ | T | 1/33 | 6DP58X £587.97 |




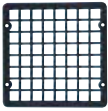

| Fittings | | | | | | Price Each | |
|---|------|-----|-------|-----|--------------|----------------|----------------|
| | Size | mm | Angle | Col | Pack/ Box | Code | |
| Coupler double socket | | | | | | | |
| With central stop. | | | | | | | |
|  | 82 | | | T | 10/60 | 3D20D | £55.16 |
| | 110 | | ♥ | T | 5/48 | 4D20D | £26.27 |
| | 160 | | ♥ | T | 5/15 | 6D20D | £72.47 |
| Slip coupler | | | | | | | |
| For inserting new fittings into existing pipework. (e.g. refurbishment or repair). | | | | | | | |
| No central stop. | | | | | | | |
|  | 110 | | | T | 5/45 | 4D20DSC | £39.26 |
| Pipe end socket | | | | | | | |
|  | 110 | | ♥ | T | 5/40 | 4D69 | £44.38 |
| | 160 | | ♥ | T | 1/15 | 6D69 | £90.44 |
| Short radius bend double socket | | | | | | | |
| To change pipe direction: 87½°, 45°, 30° and 15° as standard. | | | | | | | |
|  | 82 | 87½ | | T | 1/15 | 3D23D | £79.28 |
| | 82 | 45 | | T | 5/20 | 3D25D | £75.75 |
| | 110 | 87½ | ♥ | T | 5/18 | 4D23D | £79.70 |
| | 110 | 45 | ♥ | T | 5/26 | 4D25D | £81.43 |
| | 110 | 15 | | T | 5/35 | 4D29D | £81.43 |
| | 160 | 87½ | ♥ | T | 1/6 | 6D23D | £189.32 |
| | 160 | 45 | ♥ | T | 1/8 | 6D25D | £189.32 |
| Short radius bend single socket | | | | | | | |
| To change pipe direction: 87½°, 45°, 30° and 15° as standard. | | | | | | | |
|  | 110 | 45 | | T | 5/35 | 4D25 | £68.38 |
| | 110 | 30 | | T | 5/15 | 4D27 | £69.90 |
| | 110 | 15 | | T | 5/40 | 4D29 | £68.38 |
| | 160 | 87½ | | T | 5/10 | 6D23 | £164.77 |
| | 160 | 45 | | T | 5/8 | 6D25 | £164.77 |
| | 160 | 30 | | T | 4/12 | 6D27 | £167.87 |







| Fittings | | | | | | Price Each |
|---|---|-------|------|--------------|--------------|----------------|
| | Size mm | Angle | Col | Pack/ Box | Code | |
| Rest bend single socket | | | | | | |
|  | To change 110mm pipe direction at base of soil stack: 87½° as standard. Satisfies recommendations of BS 5772: 1994. | | | | | |
| | 110 | 87½ | T | 5/10 | 4D21 | £116.60 |
| Rest bend double socket | | | | | | |
|  | To change 110mm pipe direction at base of soil stack: 87½° as standard. Satisfies recommendations of BS 5772: 1994. | | | | | |
| | 110 | | T | 3/9 | 4D21D | £130.24 |
| Variable bend single socket | | | | | | |
|  | 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 | 4DV40 |
| Socket plug | | | | | | |
|  | To blank off any ring seal socket. With boss horn. For use with 117 boss horn, see page 34. Spigot outlet. | | | | | |
| | 110 | ♥ | T | 6/54 | 4D68 | £47.46 |
| | 160 | ♥ | T | 1/30 | 6D68 | £91.86 |
| Access cap | | | | | | |
|  | To allow full bore access to 82mm, 110mm or 160mm pipework for inspection or rodding. | | | | | |
| | 110 | ♥ | T | 5/50 | 4D64 | £91.56 |
|  | 160 | ♥ | T | 1/15 | 6D64 | £148.28 |
| | 110 | | T | 1/40 | 4D63 | £77.46 |
|  | 160 | | T | 1/35 | 6D63 | £137.92 |
| | Rodding eye | | | | | |
|  | Material: Aluminium. Elliptical rodding eye with 110mm pipe size spigot. Access aperture size: 118x90mm. | | | | | |
| | 110 | | Self | 5/25 | 4DRE | £220.30 |

Underground

| Fittings | | | | | | | |
|---|--|-------|-----|--------------|-------|---------------|---------|
| | Size mm | Angle | Col | Pack/ Box | Code | Price Each | |
| Single equal junction | | | | | | | |
|  | To join 82mm branch pipe to 82mm main pipe at an angle: 45° as standard. | | | | | | |
| | 82 | 45 | T | 1/20 | 3D33D | £113.71 | |
| Single equal junction - all equal sockets | | | | | | | |
|  | To join 110mm or 160mm branch pipe to 110mm or 160mm main pipe at an angle: (110mm) 87½° and 45° as standard (160mm) 45° as standard | | | | | | |
| | 110 | 87½ | ♥ | T | 12 | 4D30D | £112.79 |
| | 160 | 87½ | T | 4 | 6D30D | £315.94 | |
| | 110 | 45 | ♥ | T | 12 | 4D33D | £112.79 |
| | 160 | 45 | ♥ | T | 3 | 6D33D | £315.94 |
| Equal sockets plus spigot outlet | | | | | | | |
|  | To join 110mm or 160mm branch pipe to 110mm or 160mm main pipe at an angle: (110mm) 87½° and 45° as standard (160mm) 45° as standard | | | | | | |
| | 110 | 87½ | T | 5/15 | 4D30 | £100.50 | |
| Single unequal junction - all socket | | | | | | | |
|  | To join 110mm branch pipe to 160mm main pipe at an angle: 45° and 87½° as standard. | | | | | | |
| | 160/110 | 45 | ♥ | T | 5 | 64D33D | £282.20 |
| Gully trap | | | | | | | |
|  | Material: Polypropylene To obtain 'P' trap, add 45° bend. | | | | | | |
| | 110 | | T | 4/12 | 4DG90 | £94.67 | |
| 'P' trap | | | | | | | |
|  | Material: PVCu To obtain 'Q' or 'S' trap, add 45° or 87½° bend. | | | | | | |
| | 110 | | T | 4/8 | 4DG91 | £171.54 | |

| Fittings | | | | | |
|--|---------|-------|-----|----------|----------------------|
| | Size mm | Angle | Col | Pack/Box | Code Price Each |
| Square hopper head | | | | | |
| Material: PVCu and Polypropylene. Spigot outlet may be cut off to reveal socket which can accept solvent-welded pipe as extended spigot. Terracotta body with Black grid. 1 boss horn. | | | | | |
|  | 110 | | T | 5/15 | 4DG92 £82.58 |
| Rectangular hopper head | | | | | |
| Material: PVCu and Polypropylene. Back inlet plate incorporates two easily removable discs to create apertures for insertion of 40mm waste pipes. Terracotta body with Black grid. 3 boss horns. | | | | | |
|  | 110 | | T | 4/12 | 4DG93 £150.04 |
| Circular gully | | | | | |
| Material: PVCu. Incorporates plugged horizontal pipe entries: 2x110mm spigots, 1x110mm ring seal socket and 1x68mm rainwater pipe socket. Spigot outlet may be cut off to reveal socket which can accept solvent-welded pipe as extended spigot. | | | | | |
|  | 110 | | T | 2/4 | 4DG80 £239.73 |
| Bottle gully with round cover | | | | | |
| Material: PVCu and Polypropylene. Removable dip tube provides 50mm deep trap. Incorporates 110mm back inlet connection. Terracotta body with Black cover. | | | | | |
|  | 110 | | T | 4 | 4DG97 £268.35 |
| Bottle gully with square cover | | | | | |
| Material: PVCu and Polypropylene. Removable dip tube provides 50mm deep trap. Incorporates 2 x waste back inlet connections. Can also accept up to 6 different pipes either direct or via adaptors. Terracotta body with Black cover. | | | | | |
|  | 110 | | T | 4 | 4DG89 £312.83 |

| Gullies & Hoppers | | | | | |
|---|-----|----------|----------------|----------------|--|
| Size mm Angle | Col | Pack/Box | Code | Price Each | |
| Sealed cover | | | | | |
| To cap 4DG80 Circular Gully or 4DG81 Extension Piece with screws and seal. | | | | | |
| 211 | B | 1/30 | 4DG82 | £125.70 |  |
| Circular grating | | | | | |
| To provide an open grating for surface water drainage for 4DG80 Circular Gully or 4DG81 Extension Piece. Also: spare grating for 4DG97 Bottle Gully. | | | | | |
| 211 | B | 1/30 | 4DG83 | £57.76 |  |
| Raising piece | | | | | |
| 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 | 4DG96 | £163.45 |  |
| Square hopper head grid | | | | | |
| Material: Polypropylene. Spare grid for 4DG92 Hopper Head. | | | | | |
| 155 | B | 1/100 | 4DG92G | £17.50 |  |
| Material: Polypropylene Spare grid for 4DG89 Hopper Head | | | | | |
| 232 | B | 1/15 | 4DG89G | £26.09 | |
| Square sealed cover | | | | | |
| Material: Polypropylene. Converts 4DG92 Square Hopper. Head from open grid to sealed cover. With screws and seal. | | | | | |
| 155 | B | 1/100 | 4DG92GS | £77.40 |  |

| Inspection Chambers | | | | | |
|---|-----|----------|-----------------|----------------|---|
| Size mm Angle | Col | Pack/Box | Code | Price Each | |
| Shallow inspection chamber | | | | | |
| To allow inspection of drainage system. Supplied with 2 plugs for unused entries. 200mm socket has angular tolerance of $\pm 7^\circ$ allowing up to 14° adjustment to accommodate pipe variation and ground fall. Access aperture size: 162x100mm. Requires seal 9116.4 found on page 62. | | | | | |
| 110 | T | 2 | 4DI600 | £288.47 |  |
| Sealed cover and frame | | | | | |
| To cap 4DI600 Shallow Inspection Chamber. Ring seal joint to shaft | | | | | |
| 200 | B | 4/12 | 4DIFC1 | £225.59 |  |
| Inspection chamber base - 470mm diameter | | | | | |
| Material: Polypropylene. To allow inspection of drainage system. Incorporating 110mm main channel and 4 x 110mm branch inlets. Supplied with 4 x blanking plugs | | | | | |
| 110 | B | 1 | 4DI240B | £466.84 |  |
| Unequal inspection chamber base - 475 diameter | | | | | |
| Material: Polypropylene supplied with 4 x blanking plugs. To allow inspection of drainage system, incorporating 160mm main channel, 2 x 160mm and 2 x 110mm branch inlets. | | | | | |
| 160/110 | B | 1 | 64DI240B | £514.21 |  |
| Raising piece | | | | | |
| Material: Polypropylene. To allow inspection of drainage system, incorporating 160mm main channel, 2 x 160mm and 2 x 110mm branch inlets. | | | | | |
| 470 | B | 1 | 4DI215R | £189.51 |  |
| Seal ring | | | | | |
| Suitable for 4DI215R. | | | | | |
| | B | 1 | 4DI215S | £44.87 |  |

| Reducers & Adaptors | | | | | | |
|---|--|-----|--------------|------|---------------|----------------|
| | Size mm Angle | Col | Pack/ Box | Code | Price Each | |
|  | Level invert taper | | | | | |
| | Material: PVCu. | | | | | |
| | Larger end spigot and smaller end socket. | | | | | |
| | 110/82 | ▽ | T | 2/30 | 43DT | £54.19 |
| | 160/110 | ▽ | T | 4/24 | 64DT | £103.03 |
|  | Universal waste adaptor | | | | | |
| | Material: EPDM. | | | | | |
| | For connecting 32mm, 40mm or 50mm waste pipe to 110mm underground drain pipe. | | | | | |
| | 110 | | B | 5/60 | 4DW200 | £55.84 |
|  | Adaptor to above ground drain | | | | | |
| | Material: Flex PVC. | | | | | |
| | For connecting 82mm underground drain. External only. | | | | | |
| | 82/68 | | B | 5/60 | 3DW25 | £59.27 |
| | 110/68 | | B | 5/50 | 4DW25 | £55.84 |
| | 110/82 | | B | 5/50 | 4DW3 | £57.07 |
|  | PVCu underground drain pipe to clay | | | | | |
| | Material: Flex PVC. For connecting 62mm square downpipes to underground drainage system. | | | | | |
| | For square downpipe. | | | | | |
| | 110/62 | | B | 5/50 | 4DW23 | £57.07 |
|  | PVCu underground drain pipe to clay | | | | | |
| | Material: PVCu. Socket for PVCu drain pipe and ribbed socket for other material. Cold caulked. | | | | | |
| | 110 | | T | 1/36 | 4D73 | £73.76 |
| | Lubricant | | | | | |
|  | Please refer to page 46 | | | | | |

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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

BS ISO 56002 – Innovation Management System



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 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 systems & Mecflow Press Systems

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.

PD ISO/TR 10358:2021

Plastics pipes and fittings for industrial applications. Collection of data on combined chemical-resistance

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.

Polypipe Advantage

From time and cost-savings to scheduled system delivery and enhanced health & safety on site, there are a number of ways that the Polypipe Advantage service can benefit your project. There's never been a better time to experience these benefits for yourself. 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 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.

Technical services include:

- On site advice and problem solving.
- Terrain drainage stacks 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: comercialenquiries@polypipe.com

www.polypipe.com/commercial-building-services

Terms & Conditions

1 GENERAL

- 1.1 In these conditions
- 1.1.1 "the Company" means Polypipe Limited, a company registered in England and Wales with registered number 1099323. Registered office: Broomhouse Lane, Edlington, Doncaster, DN12 1ES, United Kingdom.
- 1.1.2 "Customer" means the person with whom the Company contracts for the supply of Product pursuant to these conditions;
- 1.1.3 "Order" means any order submitted to the Company by a Customer;
- 1.1.4 "Order Confirmation" means any order confirmation submitted to the Customer by the Company;
- 1.1.5 "Product(s)" means the goods and/or services to be supplied by the Company as referred to and described in an Order which is accepted by the Company;
- 1.1.6 "Quotation" means the quotation submitted to the Customer by the Company prior to submission of an Order which details the prices at which the Customer may make an offer to purchase the Products;
- 1.1.7 "Writing" includes telex, cable, facsimile transmission, electronic data transfer and comparable means of communication.
- 1.2 A contract shall come into force between the Parties each time an Order is accepted by the Company, whether by issuing an Order Confirmation, by delivery, or otherwise, but not before. Subject to clause 1.3, (i) the terms of each contract shall be as set out in these conditions and the terms of any Order accepted by the Company, and (ii) in the event of any conflict between these conditions and any such Order, the terms of the Order shall prevail.
- 1.3 Save to the extent contemplated at clause 2.1, the parties agree that any terms and conditions submitted at any time by the Customer which have not been written specifically for the purposes of the Product requirement to which a specific Order relates (including, without limitation, any standard terms and conditions of purchase which are printed on any order documentation submitted by the Customer), shall not apply to any contractual dealings between the parties and shall not be deemed to constitute a counter-offer to purchase Products in accordance with those terms unless a specific intention is expressed for such terms and conditions to apply in respect of a specific Order notwithstanding this clause 1.3, and any failure by the Company to challenge or respond to any such terms and conditions does not imply and shall not constitute acceptance of those terms and conditions.
- 1.4 Unless otherwise stated therein Quotations shall be valid for a maximum period of 30 days from issue and may be withdrawn at any time by written or oral notice.
- 1.5 Any statement or representation (other than in the Company's Quotation or these terms and conditions) by the Company its servants or agents upon which the Customer wishes to rely must be set out in Writing and attached to or endorsed on the Customer's Order and in any such case the Company may confirm, reject or clarify the point and submit a new Quotation. Any statement or representation which is not so confirmed in Writing is followed or acted upon entirely at the Customer's own risk, and shall not form any part of the contract between the parties, and shall be deemed not to have influenced the Customer in deciding whether to enter into the contract.
- 1.6 The contract is between the Company and the Customer as principals; neither the benefit nor the burden is assignable by the Customer without the Company's written consent; the contract may be assigned or subcontracted by the Company.
- 1.7 Unless specifically agreed to the contrary all trade terms shall be interpreted in accordance with current INCOTERMS.
- 1.8 If, subsequent to any contract of sale which is subject to these conditions, a contract of sale is made with the same Customer without reference to any conditions of sale or purchase, such contract howsoever made shall be deemed to be subject to these conditions or (if different) the standard Conditions of Sale of the Company current at the time when such contract of sale is made.

2 ELECTRONIC TRADING

- 2.1 If the Company and Customer agree that electronic trading between them shall be a basis for order processing and invoicing then these terms and conditions shall apply subject to any special terms and conditions terms which are specific to electronic trading and which have been agreed by the parties in writing.
- 2.2 Electronic orders shall be valid if all the information agreed between the Customer and the Company as being required is properly set out in the agreed format and the order is transmitted by the Customer to the Company by reference to the correct identification code and is received by the Company when collecting its electronic mail from the relevant system.

3 DELIVERY

- 3.1 Unless otherwise agreed in Writing by the Company delivery shall be deemed to take place in the case of ex-works sales when the Products are made available by the Company for collection by the Customer or its carrier and in all other cases upon delivery by the Company to the agreed mainland UK delivery point airport or port but before the Products are unloaded, which shall be the responsibility of the Customer.
- 3.2 The Company shall not be obliged to make delivery unless and until the Company has received all necessary information, drawings, final instructions and approvals from the Customer and the Customer acknowledges that any delays or alterations by the Customer may result in delayed delivery for which the Company shall not be responsible.
- 3.3 All dates and periods for delivery are estimated and do not constitute fixed times for delivery by the Company. Unless such a right or rights are expressly agreed in Writing by the Company, the Customer shall have no right to damages or to cancel the contract for failure arising from any cause to meet any delivery times given in the contract or subsequently set.
- 3.4 Notwithstanding clause 3.3 the Customer shall be obliged to accept delivery on the date or within the period stated in the Quotation or (if none is so stated) no later than one month after the issue or notice in Writing by the Company requiring the Customer to accept delivery. Failure by the Customer either to take delivery or to make payment in respect of any one or more installments of Products shall entitle the Company to terminate the Contract (such right is without prejudice to any other rights and remedies available to the Company whether expressly provided for in these Conditions or implied by any rule of law).
- 3.5 Where the Customer requests and the Company agrees to postpone delivery or where delivery is otherwise postponed or delayed without default by the Company, the Customer shall pay upon receipt of written demand from the Company all costs and expenses including a reasonable charge for storage and transportation occasioned thereby and the Customer shall pay for the Products in accordance with these conditions as if the same had been delivered in the ordinary course without reference to the postponement or delay. In addition, the Company shall be entitled to claim interest pursuant to Clause 7.3.2 of these Conditions from the date on which payment would have fallen due, had the Products been delivered in the ordinary course but for the postponement or delay.
- 3.6 Unless otherwise expressly agreed in Writing the Company may effect delivery in one or more installments. Where delivery is effected by installments each installment shall be treated as a separate contract governed by these conditions. No delay in the delivery of any installment of Products or any defect therein shall entitle the Customer to terminate the remainder of the contract.
- 4 RISK AND TITLE**
- 4.1 Risk of damage to or loss of the Products shall pass to the Customer upon delivery and the Customer is then solely responsible for all loss damage or deterioration to the Products.
- 4.2 Title to the Products shall not pass to the Customer until either:-
- 4.2.1 The Company has received in cash or cleared funds all monies payable (whether or not due) to the Company under this and any other contracts whenever made between the Company and the Customer including contracts made after this contract; or
- 4.2.2 When the Company serves on the Customer notice in Writing specifying that title in the Products or any part thereof has passed.
- 4.3 Until title has passed to the Customer the Company may require the Customer to deliver up to the Company all products in respect of which the Company has title and if the Customer fails to do so forthwith the Company's officers, employees, representatives or agents shall be entitled to enter upon any premises where such Products are kept for the purposes of recovering the same.
- 4.4 Until title to the Products has passed to the Customer pursuant to these conditions it shall possess the Products as fiduciary agent and bailee of the Company and shall store the Products separately from other goods not owned by the Company and shall ensure that they are fully insured on an all risks basis and clearly identifiable as belonging to the Company and the Company shall be entitled to enter upon any premises where such Products are kept for the purpose of satisfying itself that this condition is being complied with by the Customer.
- 4.5 In the event that the Customer has any contract with any other company under the ultimate control of the parent company that has ultimate control of the Company under which any monies are outstanding (whether or not due) then the Customer shall not (notwithstanding that title would otherwise pass pursuant to Clause 4.2

Terms & Conditions

- above) obtain title to the Products or other goods supplied by the Company under this or any other contracts between them until such other company has received in cash or cleared funds all such monies.
- 5 CANCELLATION AND AMENDMENT**
- 5.1 No contract can be amended or cancelled except with the Company's approval in Writing and should such approval be given the Customer shall indemnify the Company against any costs, losses or expenses resulting from any cancellation or amendment.
- 6 PRICES
- 6.1 Unless otherwise agreed in Writing all prices shall be as stated in the valid Quotation or, if no valid Quotation is in place, the Company's prevailing standard price at the time of receipt of an Order, and are for delivery ex works and are exclusive of VAT and any other applicable taxes, which are payable in addition. Unless otherwise stipulated by the Company in Writing prices are payable in Sterling or if the Sterling currency has ceased to exist when the contract is made, shall be payable in such currency as replaces the Sterling currency.
- 6.2 The Company will endeavour to ensure that all prices on display/provided to Customers are correct and up to date. However, should a Customer place an Order using an incorrect price then the Customer agrees that the Company may substitute the incorrect price set out in the Order for the correct price (whether the price specified on a valid Quotation or the Company's prevailing standard price, as appropriate) and charge accordingly.
- 6.3 The Company shall be entitled at any time by giving notice in Writing, before or after final invoicing to make a reasonable adjustment to the price in the event of any alteration in quantity, design or specification requested by the Customer.
- 6.4 The Company reserves the right at any time prior to delivery by giving notice in Writing to increase the price if there is any increase in the cost of materials, labour, transport, or utilities or if the costs of the Company are increased by any other factor beyond the reasonable control of the Company.
- 6.5 Charges made on the Company's invoice for cases will be credited on their return to the Company's premises carriage paid and in good reusable condition. Cases shown as returnable but not charged on the Company's invoice must be returned to the Company's premises carriage paid and in good re-usable condition otherwise an additional charge will be made in respect of their cost.
- 6.6 The Customer shall be liable to the Company for any demurrage costs incurred in the event of vehicles being unduly delayed at the point of delivery.
- 7 TERMS OF PAYMENT**
- 7.1 Unless otherwise agreed by the Company in Writing, the Customer shall make payment by the last day of the month following the month of invoice and the Company shall be entitled to issue invoices in the month in which the Products are delivered or would have been delivered, save for postponement or delay otherwise than due to default on the part of the Company. Time for payment of the price is of the essence of the contract.
- 7.2 No disputes arising under this contract shall serve to permit payment by the Customer of sums due to the Company to be delayed nor shall disputes interfere with prompt payment in full. The Buyer shall not be entitled to make any deduction from or set off against any sums owing to the Company by reason of any such dispute or at all.
- 7.3 In the event of default in payment by the Customer the Company shall be entitled, without prejudice to any other right or remedy:
- 7.3.1 to suspend without notice all further deliveries on this or any other contract between the Company and the Customer;
- 7.3.2 to charge interest on a daily basis (after as well as before judgement) on any amount outstanding at the rate of 4% above the Base Rate of Lloyds Bank plc from time to time: and/or
- 7.3.3 to serve notice on the Customer requiring immediate payment for all goods supplied by the Company under this and all other contracts between them whether or not payment is otherwise due or invoiced.
- 8 SPECIFICATIONS**
- 8.1 Subject to Clause 8.2 the Products shall in all material respects be of such specification agreed between the Company and the Customer under the contract, or (if not so agreed) shall be generally in all materials respects in accordance with any published specification issued by the Company.
- 8.2 The Company reserves the right to make changes in dimensions or other specifications of the Products as are required to conform to applicable standards

- or laws or are otherwise within reasonable limits having regard to the nature of the Products. Dimensions specified by the Company are to be treated as approximate only unless it is specifically agreed in Writing that exact measurements are required.
- 8.3 The Customer acknowledges that it has not specified any particular use for the Products and that it is entirely its own responsibility to satisfy itself that the Product is suitable for the use which it intends.
- 9 LOSS SHORTAGES AND DAMAGE APPARENT ON DELIVERY INSPECTIONS**
- 9.1 The Customer shall have no claim for loss, shortages or damage on delivery which are or would be apparent on inspection unless the Customer:
- 9.1.1 unpacks and inspects the Products as soon as reasonably practicable following receipt;
- 9.1.2 notifies the Company of any loss, shortages or damage (otherwise than by a qualified signature on the delivery note) within ten working days of receipt; and
- 9.1.3 demonstrates to the satisfaction of the Company that such loss, shortages or damage occurred prior to delivery.
- 9.2 The Customer shall have no rights in respect of loss, shortages or damage unless the Company is given a reasonable opportunity to inspect the Products and investigate any complaint before any use of or alteration to or interference with the Products.
- 9.3 On a valid complaint made in accordance with this Clause the Customer shall be entitled (in the case of notified shortages) to receive within a reasonable time a delivery of Products equivalent to the shortfall and (in the case of defects) to repairs to or replacements for the affected Products or at the Company's option a credit for the price thereof but the Company shall have no further liability whatsoever. If a complaint of loss, shortages or damage on delivery is not made to the Company in accordance with this Clause 9 within 5 working days of the date of delivery, then the Products shall be deemed to be delivered complete and undamaged in accordance with the contract and the Customer shall be bound to pay for the same accordingly.
- 9.4 Loss, shortages or damage in a delivery or any installment delivery shall not be a ground for termination of the contract or the remainder of the contract (as the case may be).
- 10 WARRANTY**
- 10.1 The Company warrants that Products which do not comply with either Clause 8.1 or Sections 13 to 15 of the Sale of Goods Act 1979 (as amended) are shown to have been defective at delivery as a result of faulty design workmanship or materials (other than free-issue materials), shall either be repaired or replaced or that, at the Company's option, a credit or refund for the price thereof shall be given provided always that:
- 10.1.1 the Company receives written notice of the defect within 12 months of delivery;
- 10.1.2 no alteration to or interference with the Products takes place before the Company is given access to the Products to inspect and test the same;
- 10.1.3 the defect does not consist of a loss shortage or damage to which Clause 9 is expressed to apply;
- 10.1.4 the defect does not arise by reason of a design specification or instruction given by the Customer;
- 10.1.5 the Customer has not defaulted in its obligation to make payment of the contract price for the Products;
- 10.1.6 the defect shall not be attributable to incorrect storage or use of the Products by the Customer.
- 10.2 The benefit of Clause 10.1 shall only extend to Products or parts not manufactured by the Company to the extent that the Company has equivalent recourse against the manufacturer or supplier thereof.
- 10.3 The Customer shall indemnify the Company in respect of loss or damage arising from any use made of Products after the Customer became or ought reasonably to have been aware of a defect.
- 10.4 In the event of a valid claim being made in accordance with Clause 10.1:
- 10.4.1 the Customer shall be bound to accept repaired or replacement Products or at the Company's option credit or repayment and shall not be entitled to terminate the contract;
- 10.4.2 if the Company does not repair or replace Products within 60 days or such longer time as may be reasonable then the Customer's sole remedy shall be an entitlement to full credit or repayment in respect of the defective Products; and the Company shall be under no further liability in respect of any loss or damage

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arising from the defect or from any delay before repair replacement credit or refund is effected.

11 LIABILITY

11.1 The Company does not exclude liability arising under Section 12 of the Sale of Goods Act 1979 (good title) (as amended) or for death or personal injury caused by its negligence as defined in the Unfair Contract Terms Act 1977, fraudulent misrepresentation or any other type of liability which cannot by law be excluded or limited

11.2 Save as provided under Clauses 9, 10 and 11.1 the Company shall have no liability to the Customer in connection with or arising from any defect or failure in the Products or otherwise due to the quality, condition, suitability, durability, safety or any other aspect or feature of the Products. The Company's liability, whether in respect of one claim or in the aggregate, shall not exceed the contract price payable under this contract for the supply of Products to be provided under it. The price of the Products is predicated on the basis of the limitations and exclusions set out in these conditions. The Customer acknowledges that without those exclusions and limitations, the price of the Products would be higher and that the limitation of the Company's liability is therefore reasonable in all the circumstances. The Customer agrees that it is its own responsibility to insure adequately to cover any loss or damage in excess of the aforesaid limit of the Company's liability. Subject to reaching agreement on terms, the Company and the Customer may determine an increased level of liability which is to be accepted in Writing by the Company to cover, in particular specific types of loss or damage which both parties reasonably foresee and anticipate.

11.3 In Clause 11.2 the term "liability" means any form of liability whatsoever including but not limited to liability in misrepresentation and under contract, common law, equity and any statutory provision whether or not based on negligence or breach of any express or implied duty to act with care or skill.

11.4 Notwithstanding any other provisions of these conditions the Customer shall have no claim against the Company in respect of any loss other than strictly direct losses (meaning for these purposes the increased costs of purchasing products from a third party or the cost of remedial repair work) and specifically consequential, financial economic loss whether direct or indirect including but not limited to any incidental costs of dismantling fitting or other ancillary work required in connection with the provision of a repair or replacement, any loss or production profits contracts loss of use or anticipated savings and any claims made against the Customer by any third party are excluded even if reasonably foreseeable.

11.5 To the extent that any liability of the Company is expressed to be limited or excluded by these conditions the Customer shall indemnify the Company in respect thereof.

12 CONFIDENTIAL INFORMATION ETC

12.1 All drawings, documents, records, computer software and other information supplied by the Company are supplied on the express understanding that all intellectual property rights therein is reserved to the Company and that the Customer will not without written consent of the Company either give away, loan, exhibit, or sell the same or extracts therefrom or copies thereof or use the same in any way except in connection with the Products in respect of which they are issued.

13 PATENT INDEMNITIES

13.1 If the Customer is subject to a claim or threatened with any action alleging that the Products in the form supplied infringe any patent, copyright, design right or other intellectual property right then provided that the Customer promptly informs and fully co-operates with the Company and if requested allows the Company the conduct and defence thereof on the Customer's behalf, the Company will indemnify the Customer against any award or damages for infringement made in any such action by a court or other competent body against the Customer. Further, if the Products are infringing the Customer agrees that the company shall have the option at its own expense either to modify the Products so that they do not infringe: to replace the Products with a non-infringing substitute: to procure for the Customer the right for the Customer to continue its use of the Products: or to repurchase the Products from the Customer at the price paid by the Customer less an allowance for the use made thereof.

13.2 The Company shall have no liability in respect of claims for infringement or alleged infringement of third parties patent or other intellectual property rights arising from the manufacture or supply of the Products to the Customer's instructions or in accordance with designs plans or specifications given by the Customer and the Customer shall indemnify the Company against all losses damages expenses costs or other liability arising from such claims.

14 CUSTOMER'S DRAWINGS

14.1 The Customer shall be solely responsible for ensuring that all drawings information advice and recommendations specified or given to the Company by the Customer or its agents, servants, consultants or advisers are accurate correct and suitable. Examination or consideration by the Company of such drawings information advice or recommendations shall not result in any liability on the part of the Company.

15 COMPANY LITERATURE

15.1 The information contained in the advertising, sales, technical, and other literature issued by the Company may be relied upon to be accurate in the exact circumstances in which it is expressed otherwise any illustrations performance details examples of installations and methods of assembly and all other information and data in such literature are based on experience and upon trials under test conditions and are provided for general guidance only. No such information or data shall form part of the contract unless it is specifically referred to in the Quotation.

16 TERMINATION

16.1 Without prejudice to any other rights or remedies of the Company it shall be entitled in any of the following circumstances to terminate (in whole or in part) this and any other contract whenever made between the Company and the Customer and/or to suspend deliveries and/or to receive upon demand payment of all monies payable under any such contracts whether or not otherwise due:

16.1.1 the Customer made or proposes any voluntary arrangement with its creditors or becomes subject to an administration order or becomes bankrupt or goes into liquidation;

16.1.2 an encumbrancer takes possession or a receiver is appointed of any of the property or assets of the Customer;

16.1.3 the Customer becomes unable to satisfy its debts as they fall due or cease, or threatens to cease to carry on business;

16.1.4 the Company reasonably believes that any of the events mentioned above or any equivalent or similar event under any relevant laws to which the Customer or any connected person is subject has or may occur;

16.1.5 the Customer or any connected person commits any breach of this or any other contract whenever made between the Customer and the Company.

17 FORCE MAJEURE

17.1 The Company shall be excused performance of its obligations whilst and if affected by act of God governmental restriction condition or control, any act done or not done pursuant to a trade dispute whether such dispute involves its employees or not, default by suppliers of the Company, shortage of materials or by any other act matter or thing beyond its reasonable control including failure by the other party to carry out anything required for performance of the contract.

17.2 In the event that the Company does not perform its obligations by reason of any of the causes referred to in Clause 17.1 within six months after the time for performance then the Company or the Customer may by written notice terminate the contract without liability save that the Customer shall pay for any Products delivered or completed at the time of termination.

18 TOOLS

18.1 Any tools (such as jigs, dies, etc) which the Company may construct or acquire specifically in connection with the Products shall, notwithstanding any charges the Company may make for them, be and remain the Company's sole and unencumbered property and in the Company's possession and control without restriction.

19 FREE-ISSUE MATERIALS

19.1 Free-issue material shall be insured by and remain at the risk of the Customer at all times and the Company shall be indemnified by the Customer against any loss, damage, injury or expense whatsoever arising directly or indirectly therefrom and the company shall not be liable for loss of or damage to any such materials during fabrication by the Company or sub-contractor employed by Company or whilst on the premises of the Company or of any such sub-contractor or in transit to or from the premises of the Company or of any such sub-contractor provided that the Company may at its sole discretion make a contribution towards the replacement costs of such materials.

19.2 An allowance for material lost as process scrap is (where applicable) included in the contract price and no such losses shall be the subject of any claim by the Customer or contribution by the Company.

19.3 Where materials are supplied by or on behalf of the Company the Customer shall be responsible to ensure that the material is of satisfactory quality and is fit

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for its purpose and shall indemnify be Company against any loss damage, injury or expenses whatsoever arising directly or indirectly from any fault in or incorrect specification of the said materials.

20 CONSUMER PROTECTION ACT 1987

20.1 Where the Customer purchases the Products for use or incorporation with any other products to be assembled, produced, processed packed or supplied by the Customer or for resale or supply ancillary to any such other products or other products supplied by the Customer then:

20.1.1 the Customer shall forthwith on demand produce for inspection by the Company copies of all written instructions information and warnings to be supplied by the Customer in relation thereto provided nevertheless that such inspection or right to inspect shall not give rise to any responsibility or liability on the part of the Company; and

20.1.2 the Customer shall indemnify the Company against any losses, costs and damages that the Company may suffer or incur in the event any claim is made against the Company in relation thereto if the Products did not comprise the defective element thereof or were rendered defective by reason of actions or omissions of the Customer (including without limitation the supply of defective free-issue materials) or were rendered defective by reason of instructions or warnings given or omitted by the Customer or other reseller.

20.2 For the purpose of Clause 20.1 the term "defective" shall be interpreted in accordance with the definition contained in Part 1 of the Consumer Protection Act 1987.

21 HEALTH & SAFETY

21.1 The Customer agrees to pay due regard to any information supplied by the Company relating to the use for which the Products are designed or have been tested or concerning conditions necessary to ensure that they will be safe and without risk to health at all times when they are being set, used, cleaned, serviced or maintained by any person and the Customer undertakes to take such steps as may be specified by such information or otherwise necessary to ensure that as far as is reasonably practicable the Products will be safe and without risk to health at all times as mentioned above.

22 LAW AND JURISDICTION ETC

22.1 The Contract shall be governed and interpreted exclusively according to the Laws of England. The parties hereby agree to submit to the exclusive jurisdiction of the English courts provided that the Company may at its option take proceedings in the courts of the state in which the Customer is domiciled including action to obtain any remedy (including injunctive relief). In the case of any order for the export of Products, the Schedule to the Uniform Law on International Sales Act 1967 shall not in any circumstances apply to the Contract and neither shall the limits imposed by the Unfair Contract Terms Act 1977 on the extent to which liability can be excluded or limited.

22.2 No waiver of or delay or failure by the Company to exercise any rights or remedies shall prejudice or preclude any future or further exercise thereof.

22.3 If any provision of these conditions shall be held invalid or unenforceable in whole or in part then the unaffected provisions shall remain in full force and effect. Headings appear for convenience only and shall not affect the Construction of these conditions.

22.4 If the Contract provides for the supply of services and no general conditions of the Company relating specifically to the supply of services are made applicable to such services then these conditions shall mutatis mutandis apply to such services as they would apply to Products and in such event Clause 10.1 will be deemed to include a reference to Sections 3 to 5 of the Supply of Goods and Services Act 1982 (as amended), either in addition to or in place of the reference to Sections 13 to 15 of the Sale of Goods Act 1979 (as amended) as may be appropriate. For the avoidance of doubt the following provisions apply where the Company supplies services to the Customer in accordance with clause 22.4:-

22.4.1 the Company's obligation to provide the services is in any event conditional upon payment of the agreed price for the services. Any default or delay in payment according to the terms agreed between the Company and the Customer shall entitle the Company at its option to decline to perform or decline to continue to perform its obligations hereunder but without thereby incurring any liability to the Customer.

22.4.2 Save to the extent that by reason of negligence on the part of the Company in the performance of the services which results in death or personal injury (which the Company does not limit or exclude), the Company's liability under the contract shall be limited to the amount of charges paid to the Company in return for the

services and in particular the Company accepts responsibility only for direct and unavoidable loss or damage arising from any negligence in the provision of services and in particular all other types of loss whether economic, financial, indirect or consequential and whether reasonably foreseeable or not are excluded to the fullest extent permitted by law.

22.4.3 The Customer shall lend all such reasonable assistance to the Company in the performance of the services as the Company shall reasonably require.

22.4.4 The Customer shall indemnify and keep the Company, its employees, agents and contractors indemnified at all times from and against any loss or damage and injury caused to persons or property in the course of the provision of the services where such loss or damage arises by reason of the Customer's negligence or negligence of persons under the control of the Customer.

22.4.5 The Customer acknowledges and agrees that if due to the act or omission of the Customer, the Company is not able, having attended at the Customer's premises to perform the services, the Company shall be entitled to claim reasonable additional costs and expenses from the Customer occasioned by any resulting delay in the provisions of the services.

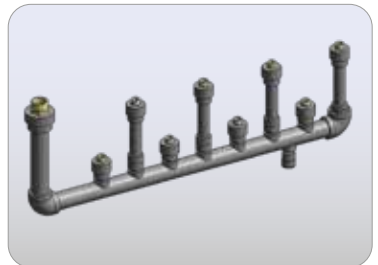
22.5 In cases for the sale or supply of Products overseas, the following additional provisions shall apply unless otherwise stipulated in writing by the Company:

22.5.1 the Customer shall be solely responsible for obtaining all necessary import authorisations, the payment of any applicable import taxes, duties or imposts and the Company shall be under no obligation to give the Customer the notice specified in Section 32(3) of the Sale of Goods Act 1979 (or any re-enactment thereof);

22.5.2 Quotations issued in a currency other than Sterling may at the Company's option, unless otherwise agreed in writing, be subject to amendment in the event of fluctuations in the applicable exchange rate prior to the date of invoice;

22.5.3 payment in respect of Products for export is due on the date specified by the Company at the date when the Contract is made, in the currency stated in the invoice and in accordance with the method of payment stipulated by the Company. All costs incurred by the Company in connection with the designated particular method of payment shall be met by the customer.

23 If you are a consumer within the meaning of the Distance Selling Regulations 2000 and you have bought the products detailed overleaf over telephone, internet or via mail order then within seven days of receipt of you products you have the right to cancel your order and return the Products for a full refund.



Polypipe Building Services

New Hythe Business Park

College Road

Aylesford

Kent ME20 7PJ

Tel: 01622 795 200

Fax: 01622 795 263

commercialenquiries@polypipe.com

www.polypipe.com/commercial-building-services