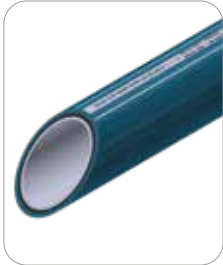


Supply & Drainage Systems



Price List 2024

Introduction

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



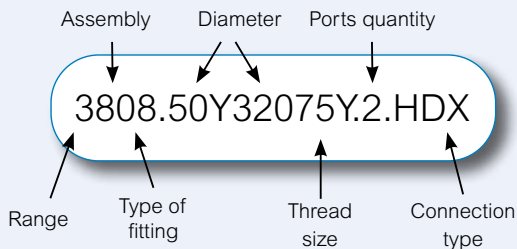
Introduction

MecFlow has been designed for strength and durability with an outer layer which is UV stabilised and abrasion resistant, and an inner mesh formation which provides anti-microbial protection and increases mechanical resistance to thermal expansion. It is also resistant to fluids from pH1 to pH14 - all while offering low noise transmission.

Having pioneered the development of our Terrain brand of products from our FUZE drainage stacks and PVC soil and waste systems, our MecFlow Fusion range provides a simple and secure water supply solution for a wide variety of applications within plant rooms, risers, and plumbing manifolds.

Available in a wide range of diameters from 20mm – 315mm, whether you are running pipework up through your building, along corridors or to plant equipment, the MecFlow Fusion system can be confidently secured through known and trusted techniques including electrofusion. This simple, rapid method of creating a strong consistent weld allows for fast progress while resulting in a very strong joint.

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 = $\frac{3}{4}$ " 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.

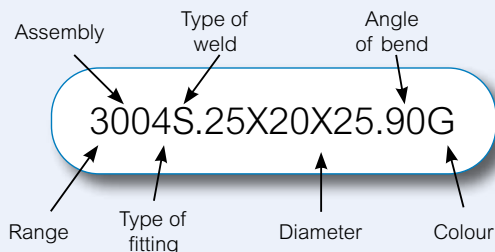
Manifolds

MecFlow Supply Systems - 3000 Fusion

	Size mm	Ports	Col	Pack/ Box	Code	Price Each	
	Manifolds- Horizontal - Drain, Male Thread						
	1½"/50¾"	2	⌚	G	1	3808.50Y32075Y.2.HDX	£835.23
	1½"/50¾"	3	⌚	G	1	3808.50Y32075Y.3.HDX	£1,072.50
	1½"/50¾"	4	⌚	G	1	3808.50Y32075Y.4.HDX	£1,237.47
	1½"/50¾"	5	⌚	G	1	3808.50Y32075Y.5.HDX	£1,474.79
	1½"/50¾"	6	⌚	G	1	3808.50Y32075Y.6.HDX	£1,639.76
	1½"/50¾"	7	⌚	G	1	3808.50Y32075Y.7.HDX	£1,877.04
	1½"/50¾"	8	⌚	G	1	3808.50Y32075Y.8.HDX	£2,042.04
	1½"/50¾"	9	⌚	G	1	3808.50Y32075Y.9.HDX	£1,965.44
	1½"/50¾"	10	⌚	G	1	3808.50Y32075Y.10.HDX	£2,130.26
	1½"/50¾"	11	⌚	G	1	3808.50Y32075Y.11.HDX	£2,337.61
	1½"/50¾"	12	⌚	G	1	3808.50Y32075Y.12.HDX	£2,472.72
	Manifolds- Horizontal - No Drain, Male Thread						
	1½"/50¾"	2	⌚	G	1	3818.50Y32075Y.2.HX	£798.69
	1½"/50¾"	3	⌚	G	1	3818.50Y32075Y.3.HX	£1,035.97
	1½"/50¾"	4	⌚	G	1	3818.50Y32075Y.4.HX	£1,200.93
	1½"/50¾"	5	⌚	G	1	3818.50Y32075Y.5.HX	£1,438.20
	1½"/50¾"	6	⌚	G	1	3818.50Y32075Y.6.HX	£1,603.22
	1½"/50¾"	7	⌚	G	1	3818.50Y32075Y.7.HX	£1,840.49
	1½"/50¾"	8	⌚	G	1	3818.50Y32075Y.8.HX	£1,751.27
	1½"/50¾"	9	⌚	G	1	3818.50Y32075Y.9.HX	£1,928.89
	1½"/50¾"	10	⌚	G	1	3818.50Y32075Y.10.HX	£2,093.73
	1½"/50¾"	11	⌚	G	1	3818.50Y32075Y.11.HX	£2,301.08
	1½"/50¾"	12	⌚	G	1	3818.50Y32075Y.12.HX	£2,436.13
	Manifolds- Horizontal - Drain, Male Thread						
	1½"/50¾"	2	⌚	G	1	3808.50Y32075Y.2.VDX	£758.48
	1½"/50¾"	3	⌚	G	1	3808.50Y32075Y.3.VDX	£995.76
	1½"/50¾"	4	⌚	G	1	3808.50Y32075Y.4.VDX	£1,160.72
	1½"/50¾"	5	⌚	G	1	3808.50Y32075Y.5.VDX	£1,397.99
	1½"/50¾"	6	⌚	G	1	3808.50Y32075Y.6.VDX	£1,563.01
	1½"/50¾"	7	⌚	G	1	3808.50Y32075Y.7.VDX	£1,800.28
	1½"/50¾"	8	⌚	G	1	3808.50Y32075Y.8.VDX	£1,711.06
	1½"/50¾"	9	⌚	G	1	3808.50Y32075Y.9.VDX	£1,888.68
	1½"/50¾"	10	⌚	G	1	3808.50Y32075Y.10.VDX	£2,053.47
	1½"/50¾"	11	⌚	G	1	3808.50Y32075Y.11.VDX	£2,260.87
	1½"/50¾"	12	⌚	G	1	3808.50Y32075Y.12.VDX	£2,395.92
	Manifolds- Vertical - No Drain, Male Thread						
	1½"/50¾"	2	⌚	G	1	3818.50Y32075Y.2.VX	£721.90
	1½"/50¾"	3	⌚	G	1	3818.50Y32075Y.3.VX	£959.21
	1½"/50¾"	4	⌚	G	1	3818.50Y32075Y.4.VX	£1,124.19
	1½"/50¾"	5	⌚	G	1	3818.50Y32075Y.5.VX	£1,361.45
	1½"/50¾"	6	⌚	G	1	3818.50Y32075Y.6.VX	£1,526.42
	1½"/50¾"	7	⌚	G	1	3818.50Y32075Y.7.VX	£1,763.74
	1½"/50¾"	8	⌚	G	1	3818.50Y32075Y.8.VX	£1,674.48
	1½"/50¾"	9	⌚	G	1	3818.50Y32075Y.9.VX	£1,852.14
	1½"/50¾"	10	⌚	G	1	3818.50Y32075Y.10.VX	£2,016.93
	1½"/50¾"	11	⌚	G	1	3818.50Y32075Y.11.VX	£2,224.33
	1½"/50¾"	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 commercialenquiries@polypipe.com.

MecFlow Fusion















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 Fusion

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 Fusion

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
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 Fusion

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 1/4"		G	-	3016S.40X125G	£67.92	
	50/1 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 Fusion

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 1/4"		G	-	3017S.40X125G	£122.32	
	50/1 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 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 1/4"		G	-	3057S.40X125G	£84.93	
	50/1 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 1/4"		G	-	3058S.40X125G	£90.68	
	50/1 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 Fusion

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
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 Fusion

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 Fusion

MecFlow Supply Systems - 3000 Fusion

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

MecFlow Fusion

MecFlow Supply Systems - 3000 Fusion

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

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MecFlow Fusion Manifolds

3808.50Y207S1.2.HDX	G	£935.23	7
3808.50Y207S2.VDX	G	£758.48	7
3808.50Y207S3.HDX	G	£1,072.50	7
3808.50Y207S3.VDX	G	£995.76	7
3808.50Y207S4.HDX	G	£1,237.47	7
3808.50Y207S4.VDX	G	£1,160.72	7
3808.50Y207S5.HDX	G	£1,474.79	7
3808.50Y207S5.VDX	G	£1,397.99	7
3808.50Y207S6.HDX	G	£1,639.76	7
3808.50Y207S6.VDX	G	£1,563.01	7
3808.50Y207S7.HDX	G	£1,877.04	7
3808.50Y207S7.VDX	G	£1,800.28	7
3808.50Y207S8.HDX	G	£2,042.04	7
3808.50Y207S8.VDX	G	£1,711.06	7
3808.50Y207S9.HDX	G	£1,965.44	7
3808.50Y207S9.VDX	G	£1,888.68	7
3808.50Y207S10.HDX	G	£2,130.26	7
3808.50Y207S10.VDX	G	£2,053.47	7
3808.50Y207S11.HDX	G	£2,337.61	7
3808.50Y207S11.VDX	G	£2,260.87	7
3808.50Y207S12.HDX	G	£2,472.72	7
3808.50Y207S12.VDX	G	£2,395.92	7
3818.50Y207S1.HDX	G	£708.69	7
3818.50Y207S2.VDX	G	£721.90	7
3818.50Y207S3.HDX	G	£1,035.97	7
3818.50Y207S3.VDX	G	£959.21	7
3818.50Y207S4.HDX	G	£1,200.93	7
3818.50Y207S4.VDX	G	£1,124.19	7
3818.50Y207S5.HDX	G	£1,438.20	7
3818.50Y207S5.VDX	G	£1,361.45	7
3818.50Y207S6.HDX	G	£1,603.22	7
3818.50Y207S6.VDX	G	£1,526.42	7
3818.50Y207S7.HDX	G	£1,840.49	7
3818.50Y207S7.VDX	G	£1,763.74	7
3818.50Y207S8.HDX	G	£1,751.27	7
3818.50Y207S8.VDX	G	£1,674.48	7
3818.50Y207S9.HDX	G	£1,928.89	7
3818.50Y207S9.VDX	G	£1,852.14	7
3818.50Y207S10.HDX	G	£2,093.73	7
3818.50Y207S10.VDX	G	£2,016.93	7
3818.50Y207S11.HDX	G	£2,301.08	7
3818.50Y207S11.VDX	G	£2,224.33	7
3818.50Y207S12.HDX	G	£2,436.13	7
3818.50Y207S12.VDX	G	£2,359.38	7

MecFlow Fusion Fittings

3003.3.20.40G	G	£39.15	9
3003.3.25.40G	G	£61.30	9
3003.3.32.40G	G	£73.54	9
3003.5.40.40G	G	£131.97	9
3003.5.50.40G	G	£160.43	9
3003.5.63.40G	G	£214.34	9
3003.5.75.40G	G	£283.14	9
3003.5.90.40G	G	£400.08	9
3003.5.110.40G	G	£552.13	9
3003.5.125.58G	G	£1,043.21	9
3003.5.160.58G	G	£1,562.31	9
3003.5.200.58G	G	£3,502.03	9
3003.5.250.58G	G	£5,633.93	9
3003.5.315.58G	G	£8,788.66	9
3010.110G	G	£225.45	9
3010.125G	G	£334.83	9
3010.160G	G	£514.31	9
3010.200G	G	£794.44	9
3010.250G	G	£43.17	9
3010.250G	G	£1,607.03	9
3010.250G	G	£45.64	9
3010.315G	G	£2,227.61	9
3010.320G	G	£67.27	9
3010.40G	G	£87.28	9
3010.50G	G	£100.43	9
3010.63G	G	£116.41	9
3010.75G	G	£162.67	9
3010.90G	G	£192.64	9
3054.110X20G	G	£12.90	14
3054.110X25G	G	£13.89	14
3054.110X32G	G	£14.70	14
3054.110X40G	G	£25.66	14
3054.110X50G	G	£28.82	14
3054.110X63G	G	£33.76	14
3054.125X20G	G	£12.90	14
3054.125X25G	G	£13.89	14
3054.125X32G	G	£14.70	14
3054.125X40G	G	£25.66	14
3054.125X50G	G	£28.82	14
3054.125X63G	G	£33.76	14
3054.125X80G	G	£41.96	14
3054.125X100G	G	£12.90	14

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3054.160X25G	G	£13.89	14
3054.160X32G	G	£14.70	14
3054.160X40G	G	£25.66	14
3054.160X50G	G	£28.82	14
3054.160X63G	G	£33.76	14
3054.200X20G	G	£12.90	14
3054.200X25G	G	£13.89	14
3054.200X32G	G	£14.70	14
3054.200X40G	G	£25.66	14
3054.200X50G	G	£28.82	14
3054.200X63G	G	£33.76	14
3054.250X40G	G	£25.66	14
3054.250X50G	G	£28.82	14
3054.250X63G	G	£33.76	14
3054.315X40G	G	£25.66	14
3054.315X50G	G	£28.82	14
3054.315X63G	G	£33.76	14
3054.500X20G	G	£12.90	14
3054.500X25G	G	£13.89	14
3054.500X32G	G	£14.70	14
3054.500X40G	G	£25.66	14
3054.500X50G	G	£28.82	14
3054.500X63G	G	£33.76	14
3054.500X80G	G	£41.96	14
3054.500X100G	G	£12.90	14
3054.500X125G	G	£13.89	14
3054.500X150G	G	£14.70	14
3054.500X175G	G	£25.66	14
3054.500X200G	G	£28.82	14
3054.500X225G	G	£33.76	14
3054.500X250G	G	£41.96	14
3054.500X275G	G	£41.96	14
3054.500X300G	G	£41.96	14
3054.500X325G	G	£41.96	14
3054.500X350G	G	£41.96	14
3054.500X375G	G	£41.96	14
3054.500X400G	G	£41.96	14
3054.500X425G	G	£41.96	14
3054.500X450G	G	£41.96	14
3054.500X475G	G	£41.96	14
3054.500X500G	G	£41.96	14
3054.500X525G	G	£41.96	14
3054.500X550G	G	£41.96	14
3054.500X575G	G	£41.96	14
3054.500X600G	G	£41.96	14
3054.500X625G	G	£41.96	14
3054.500X650G	G	£41.96	14
3054.500X675G	G	£41.96	14
3054.500X700G	G	£41.96	14
3054.500X725G	G	£41.96	14
3054.500X750G	G	£41.96	14
3054.500X775G	G	£41.96	14
3054.500X800G	G	£41.96	14
3054.500X825G	G	£41.96	14
3054.500X850G	G	£41.96	14
3054.500X875G	G	£41.96	14
3054.500X900G	G	£41.96	14
3054.500X925G	G	£41.96	14
3054.500X950G	G	£41.96	14
3054.500X975G	G	£41.96	14
3054.500X1000G	G	£41.96	14
3054.500X1025G	G	£41.96	14
3054.500X1050G	G	£41.96	14
3054.500X1075G	G	£41.96	14
3054.500X1100G	G	£41.96	14
3054.500X1125G	G	£41.96	14
3054.500X1150G	G	£41.96	14
3054.500X1175G	G	£41.96	14
3054.500X1200G	G	£41.96	14
3054.500X1225G	G	£41.96	14
3054.500X1250G	G	£41.96	14
3054.500X1275G	G	£41.96	14
3054.500X1300G	G	£41.96	14
3054.500X1325G	G	£41.96	14
3054.500X1350G	G	£41.96	14
3054.500X1375G	G	£41.96	14
3054.500X1400G	G	£41.96	14
3054.500X1425G	G	£41.96	14
3054.500X1450G	G	£41.96	14
3054.500X1475G	G	£41.96	14
3054.500X1500G	G	£41.96	14
3054.500X1525G	G	£41.96	14
3054.500X1550G	G	£41.96	14
3054.500X1575G	G	£41.96	14
3054.500X1600G	G	£41.96	14
3054.500X1625G	G	£41.96	14
3054.500X1650G	G	£41.96	14
3054.500X1675G	G	£41.96	14
3054.500X1700G	G	£41.96	14
3054.500X1725G	G	£41.96	14
3054.500X1750G	G	£41.96	14
3054.500X1775G	G	£41.96	14
3054.500X1800G	G	£41.96	14
3054.500X1825G	G	£41.96	14
3054.500X1850G	G	£41.96	14
3054.500X1875G	G	£41.96	14
3054.500X1900G	G	£41.96	14
3054.500X1925G	G	£41.96	14
3054.500X1950G	G	£41.96	14
3054.500X1975G	G	£41.96	14
3054.500X2000G	G	£41.96	14

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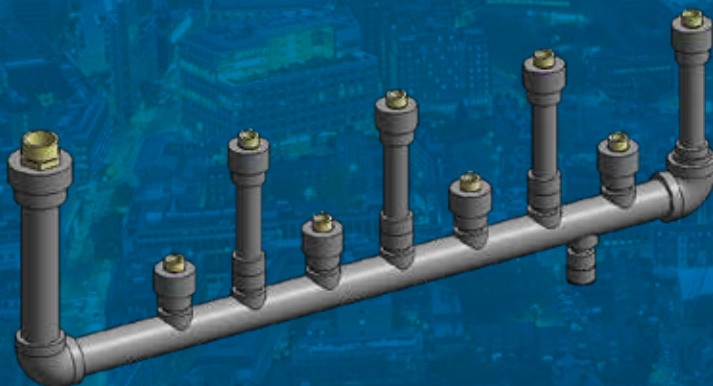
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3063.75G	G	£76.99	16
3063.90G	G	£91.09	16
3018.5.180.45G	G	£341.04	10
3018.5.180.90G	G	£410.51	10
3018.5.200.45G	G	£599.55	10
3018.5.200.90G	G	£806.43	10
3018.5.250.45G	G	£994.79	10
3018.5.250.90G	G	£1,333.91	10
3018.5.315.45G	G	£1,954.83	10
3018.5.315.90G	G	£2,930.12	10
3018.5.400.90G	G	£2,098	10
3018.5.20.90G	G	£1.32	10
3018.5.25.45G	G	£2.64	10
3018.5.25.90G	G	£2.09	10
3018.5.32.45G	G	£5.60	10
3018.5.32.90G	G	£5.60	10
3018.5.40.45G	G	£14.39	10
3018.5.40.90G	G	£13.08	10
3018.5.50.45G	G	£26.26	10
3018.5.50.90G	G	£22.50	10
3018.6.45G	G	£34.34	10
3018.6.90G	G	£29.51	10
3018.7.45G	G	£50.41	10
3018.7.90G	G	£50.61	10
3018.8.45G	G	£100.82	10
3018.9.90G	G	£95.78	10
3018.110.45G	G	£131.23	10
3018.110.90G	G	£157.40	10
3018.125.45G	G	£210.94	10
3018.125.90G	G	£215.61	10
3048.5.180.90G	G	£394.18	10
3048.5.200.90G	G	£1,089.65	10
3048.5.250.90G	G	£1,756.64	10
3048.5.315.90G	G	£3,022.25	10
3048.5.180X180.90G	G	£481.69	10
3048.5.180X180.90G	G	£511.90	10
3048.5.200X200.90G	G	£593.87	10
3048.5.200X200.90G	G	£932.45	11
3048.5.250X250.90G	G	£1,361.33	11
3048.5.250X250.90G	G	£1,557.28	11
3048.5.315X315.90G	G	£2,034.60	11
3048.5.315X315.90G	G	£2,120.13	11
3048.5.20.90G	G	£1.80	11
3048.5.25.90G	G	£2.35	11
3048.5.32.90G	G	£7.93	11
3048.5.40.90G	G	£10.32	11
3048.5.50.90G	G	£14.33	11
3048.5.63.90G	G	£27.08	11
3048.5.75.90G	G	£100.47	11
3048.5.90.90G	G	£143.08	11
3048.5.110.90G	G	£214.91	11
3048.5.125.90G	G	£285.24	11
3048.5.110X63X110.90G	G	£123.13	11
3048.5.110X75X110.90G	G	£174.84	11
3048.5.110X90X110.90G	G	£214.91	11
3048.5.25X20X25.90G	G	£2.71	11
3048.5.32X20X25.90G	G	£5.21	11
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3048.5.40X20X40.90G	G	£7.77	11
3048.5.40X25X40.90G	G	£7.85	11
3048.5.40X30X40.90G	G	£14.73	11
3048.5.50X25X50.90G	G	£17.56	11
3048.5.50X30X50.90G	G	£17.56	11
3048.5.50X35X50.90G	G	£27.46	11
3048.5.60X30X60.90G	G	£46.23	11
3048.5.63X63X63.90G	G	£46.23	11
3048.5.63X63X63.90G	G	£53.54	11
3048.5.75X75X75.90G	G	£55.01	11
3048.5.75X75X75.90G	G	£55.01	11
3048.5.90X90X90.90G	G	£55.01	11
3048.5.90X90X90.90G	G	£53.82	11
3048.5.90X90X90.90G	G	£77.49	11
3048.5.90X90X90.90G	G	£77.49	11
3048.5.90X90X90.90G	G	£77.49	11
3011S.110G	G	£71.91	9
3011S.125G	G	£101.95	9
3011S.160G	G	£187.03	9
3011S.200G	G	£1.17	9
3011S.25G	G	£1.50	9
3011S.32G	G	£4.55	9
3011S.40G	G	£6.74	9
3011S.50G	G	£12.21	9
3011S.63G	G	£15.66	9
3011S.75G	G	£31.75	9
3011S.90G	G	£50.41	9
3016S.110X4G	G	£561.04	12
3016S.20X6G	G	£11.88	12
3016S.25X6G	G	£12.35	12
3016S.20X7.5G	G	£16.79	12
3016S.20X7.5G.90G	G	£22.86	12
3016S.32X12G	G	£49.16	12
3016S.32X12G.90G	G	£49.16	12
3016S.32X16G	G	£45.95	9

MecFlow Manifolds are available off the shelf in pre-determined configurations, ready to be installed on your next project.

Here's a handy guide to the product codes:

3	8	08	.	50	Y	32	075	Y	.	2	.	H	D	X
Product series 3 = MecFlow Fusion	Part Type 8 = Pre-Fabricated	Fitting Type 08 = Manifold 18 = Manifold	Spacer	Body Ømm 50	Inlet Type Y = Male	Ports Ømm 32	Outlet Thread Size 075 = ¾"	Port Outlet Type Y = Male	Spacer	Port Quantity 2 to 12	Spacer	Inlet Direction H = Horizontal V = Vertical	Draincock D = Draincock Omit if not required	Outlet Type X = Female



Did you know that bespoke manifolds can be made to your specification using the Advantage service?

Contact your local sales rep or our Advantage technical team for more information.

MecFlow Press

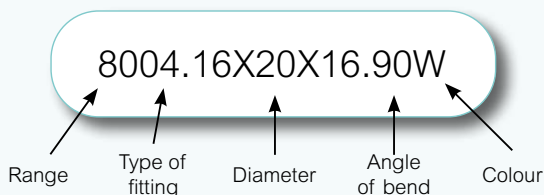


Introduction

As a highly sophisticated multi-layer product heat and fluctuating temperatures won't compromise the mechanical resistance of MecFlow making it ideal for tall building projects. Corrosion free with high chemical resistance and low thermal conductivity, PP-RCT piping is a versatile plumbing choice and provides a new way to design, build and install water supply systems.

Our MecFlow Press water supply range is supplied in a variety of diameters from 16mm – 32mm making it ideal for a variety of internal applications in both commercial and residential buildings from the kitchen sink to shower and bathroom fittings. Used together with our MecFlow Fusion range, and you have a high quality and dependable water supply network to transport mains water into the building.

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 Press

MecFlow Supply Systems - 8000 Press

	Size mm	Angle	Col	Pack/ Box	Code	Price Each	
Pipe							
	Plain Ended - Straight						
	16 (5m)	90	W	15	8000.16.50W	£33.26	
	20 (5m)	90	W	10	8000.20.50W	£45.10	
	26 (5m)	90	W	5	8000.26.50W	£70.04	
	32 (5m)	90	W	4	8000.32.50W	£92.00	
	Plain Ended - Coiled						
	16 (100m)	90	W	1	8000C.16.1000W	£497.26	
	20 (100m)	90	W	1	8000C.20.1000W	£677.10	
	26 (50m)	90	W	1	8000C.26.500W	£661.36	
	32 (50m)	90	W	1	8000C.32.500W	£872.88	
Coupler							
	Double Socket						
	16	90	W	10	8010.16W	£8.00	
	20	90	W	10	8010.20W	£8.46	
	26	90	W	5	8010.26W	£13.23	
	32	90	W	5	8010.32W	£16.84	
Elbow							
	Double Socket						
	26	45	90	W	5	8001.26.45W	£19.04
	32	45	90	W	5	8001.32.45W	£24.23
	16	90	90	W	10	8001.16.90W	£8.75
	20	90	90	W	10	8001.20.90W	£10.26
	26	90	90	W	5	8001.26.90W	£16.84
	32	90	90	W	5	8001.32.90W	£22.68
Equal Tee							
	Triple Socket						
	16	90	90	W	10	8004.16.90W	£13.23
	20	90	90	W	10	8004.20.90W	£15.33
	26	90	90	W	5	8004.26.90W	£22.68
	32	90	90	W	5	8004.32.90W	£29.94
Reducing Tee							
	Triple Socket						
	16/20/16	90	90	W	10	8004.16X20X16.90W	£15.33
	20/16/16	90	90	W	10	8004.20X16X16.90W	£16.10
	20/16/20	90	90	W	10	8004.20X16X20.90W	£16.10
	20/20/16	90	90	W	10	8004.20X20X16.90W	£17.55
	20/26/20	90	90	W	5	8004.20X26X20.90W	£22.68
	26/16/20	90	90	W	5	8004.26X16X20.90W	£22.68
	26/16/26	90	90	W	5	8004.26X16X26.90W	£22.68
	26/20/16	90	90	W	5	8004.26X20X16.90W	£22.00
	26/20/20	90	90	W	5	8004.26X20X20.90W	£22.68
	26/20/26	90	90	W	5	8004.26X20X26.90W	£22.68
	26/26/16	90	90	W	5	8004.26X26X16.90W	£23.42
	26/26/20	90	90	W	5	8004.26X26X20.90W	£24.23
	32/16/32	90	90	W	5	8004.32X16X32.90W	£31.49
	32/20/26	90	90	W	5	8004.32X20X26.90W	£30.78
	32/20/32	90	90	W	5	8004.32X20X32.90W	£29.94
	32/26/26	90	90	W	5	8004.32X26X26.90W	£34.68
	32/26/32	90	90	W	5	8004.32X26X32.90W	£30.78

MecFlow Press

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							
	16/½"		B	10	8017.16X05B	£11.07	
	20/¾"		B	10	8017.20X075B	£16.88	
	20/1"		B	10	8017.20X1B	£30.26	
	26/¾"		B	5	8017.26X075B	£22.42	
	26/1"		B	5	8017.26X1B	£27.88	
	32/1"		B	5	8017.32X1B	£29.55	
	32/1¼"		B	5	8017.32X125B	£38.94	
	16/½"		W	10	8017.16X05W	£7.20	
	16/¾"		W	10	8017.16X075W	£13.75	
	20/½"		W	10	8017.20X05W	£9.36	
	20/¾"		W	10	8017.20X075W	£11.23	
Threaded Adaptor Female							
	16/½"		B	10	8016.16X05B	£16.78	
	20/½"		B	10	8016.20X05B	£19.07	
	20/¾"		B	10	8016.20X075B	£18.59	
	26/¾"		B	5	8016.26X075B	£27.10	
	26/1"		B	5	8016.26X1B	£32.20	
	32/1"		B	5	8016.32X1B	£40.62	
	32/1¼"		B	5	8016.32X125B	£84.52	
Threaded Adaptor - Elbow, Male							
	16/½"	90		BW	10	8017.16X05.90BW	£16.88
	20/½"	90		BW	10	8017.20X05.90BW	£29.55
	20/¾"	90		BW	10	8017.20X075.90BW	£33.00
	26/¾"	90		BW	5	8017.26X075.90BW	£42.42
	32/1"	90		BW	5	8017.32X1.90BW	£51.55
Threaded Adaptor - Elbow, Female							
	16/½"	90		BW	10	8016.16X05.90BW	£16.88
	20/½"	90		BW	10	8016.20X05.90BW	£25.36
	20/¾"	90		BW	10	8016.20X075.90BW	£28.13
	26/¾"	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 Press

MecFlow Supply Systems - 8000 Press

	Size mm	Angle	Col	Pack/ Box	Code	Price Each	
Threaded Adaptor							
	Threaded Adaptor - Tee, Female						
	16/1/2"	90		BW	10	8046.16X05X16.90BW	£32.20
	20/1/2"	90		BW	10	8046.20X05X20.90BW	£37.26
	20/3/4"	90		BW	10	8046.20X075X20.90BW	£46.13
	26/1/2"	90		BW	5	8046.26X05X26.90BW	£43.88
	26/3/4"	90		BW	5	8046.26X075X26.90BW	£47.36
	32/1/2"	90		BW	5	8046.32X05X32.90BW	£59.20
	32/3/4"	90		BW	5	8046.32X075X32.90BW	£59.20
	Threaded Adaptor - Transition Coupling						
	16/1/2"			BW	10	8058.16X05BW	£16.88
	16/3/4"			BW	10	8058.16X075BW	£16.88
	20/3/4"			BW	10	8058.20X075BW	£19.46
	20/1"			BW	10	8058.20X1BW	£23.75
	26/3/4"			BW	5	8058.26X075BW	£42.42
	26/1"			BW	5	8058.26X1BW	£28.78
	26/1 1/2"			BW	5	8058.26X125BW	£33.88
	26/1 1/4"			BW	5	8058.26X15BW	£50.68
	32/1"			BW	5	8058.32X1BW	£52.36
	32/1 1/4"			BW	5	8058.32X125BW	£53.94
	32/1 1/2"			BW	5	8058.32X15BW	£69.78
	Threaded Adaptor - Transition Coupling Elbow						
	16/1/2"	90		BW	10	8058.16X05.90BW	£42.65
	16/3/4"	90		BW	10	8058.16X075.90BW	£43.07
	20/3/4"	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						
	16/1/2"	90		BW	10	8015.16X05.35.90BW	£30.42
	20/1/2"	90		BW	10	8015.20X05.35.90BW	£46.52
	20/3/4"	90		BW	10	8015.20X075.35.90BW	£38.07
	26/3/4"	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 Press

MecFlow Supply Systems - 8000 Press

	Size mm	Angle	Col	Pack/ Box	Code	Price Each
Tooling						
	Jaws - F Contour					
	16	90°		1	8990.16T	£567.04
	20	90°		1	8990.20T	£567.04
	26	90°		1	8990.26T	£567.04
	32	90°		1	8990.32T	£638.07
	Jaws Mini - F Contour					
	16	90°		1	8990M.16T	£581.36
	20	90°		1	8990M.20T	£581.36
	26	90°		1	8990M.26T	£590.78
	32	90°		1	8990M.32T	£639.42
	Deburring Tool					
	16-32	90°		1	8980.16X32T	£271.30
		90°				
		90°				
	Bending Springs					
	16	90°		1	8970.16T	£71.81
	20	90°		1	8970.20T	£86.04
		90°				
	Cutters					
	16-32	90°		1	8950.16X32G	£330.78
		90°				
		90°				
	Test Plugs					
	16	90°		1	8960.16T	£32.13
	20	90°		1	8960.20T	£35.71
		90°				
	Test Plugs - Including Vent					
	26	90°		1	8960V.26T	£165.04
	32	90°		1	8960V.32T	£170.59

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Code	Colour	Price	Page
MecFlow Press Fittings			
8000.16.50W	W	£33.26	22
8000.20.50W	W	£45.10	22
8000.26.50W	W	£70.04	22
8000.32.50W	W	£92.00	22
8000C.16.1000W	W	£497.26	22
8000C.20.1000W	W	£577.10	22
8000C.26.500W	W	£961.36	22
8000C.32.500W	W	£972.83	22
8001.16.90W	W	£9.75	22
8001.20.90W	W	£10.26	22
8001.26.45W	W	£19.04	22
8001.26.90W	W	£16.84	22
8001.32.45W	W	£24.23	22
8001.32.90W	W	£22.68	22
8001R.16.90W	W	£33.88	24
8004.16.90W	W	£13.23	22
8004.16X20X16.90W	W	£15.33	22
8004.20.90W	W	£15.33	22
8004.20X16X16.90W	W	£16.10	22
8004.20X16X20.90W	W	£16.10	22
8004.20X20X16.90W	W	£17.55	22
8004.20X26X20.90W	W	£22.68	22
8004.26.90W	W	£22.68	22
8004.26X16X20.90W	W	£22.68	22
8004.26X16X26.90W	W	£22.68	22
8004.26X20X16.90W	W	£22.00	22
8004.26X20X20.90W	W	£22.68	22
8004.26X20X26.90W	W	£22.68	22
8004.26X26X16.90W	W	£23.42	22
8004.26X26X20.90W	W	£24.23	22
8004.32.90W	W	£29.94	22
8004.32X16X32.90W	W	£31.49	22
8004.32X20X26.90W	W	£30.78	22
8004.32X20X32.90W	W	£29.94	22
8004.32X26X26.90W	W	£34.68	22
8004.32X26X32.90W	W	£30.78	22
8004R.16.90W	W	£52.88	24
8010.16W	W	£8.00	22
8010.20W	W	£8.46	22
8010.26W	W	£13.23	22
8010.32W	W	£16.84	22
8015.16X05.35.90BW	BW	£30.42	24
8015.20X05.35.90BW	BW	£46.52	24
8015.20X075.35.90BW	BW	£38.07	24
8015.26X075.35.90BW	BW	£56.65	24
8016.16X05.90BW	BW	£16.88	23
8016.16X05B	B	£16.78	23
8016.20X05.90BW	BW	£25.36	23
8016.20X05B	B	£19.07	23
8016.20X075.90BW	BW	£28.13	23
8016.20X075B	B	£18.59	23
8016.26X075.90BW	BW	£33.88	23
8016.26X075B	B	£27.10	23
8016.26X1B	B	£32.20	23
8016.32X1.90BW	BW	£54.91	23
8016.32X125B	B	£94.52	23
8016.32X1B	B	£40.62	23
8017.16X05.90BW	BW	£16.88	23
8017.16X05B	B	£11.07	23
8017.16X05W	W	£7.20	23
8017.16X075W	W	£13.75	23
8017.20X05.90BW	BW	£29.55	23

Index			
Code	Colour	Price	Page
8017.20X05W	W	£9.36	23
8017.20X075.90BW	BW	£33.00	23
8017.20X075B	B	£16.88	23
8017.20X075W	W	£11.23	23
8017.20X1B	B	£30.26	23
8017.26X075.90BW	BW	£42.42	23
8017.26X075B	B	£22.42	23
8017.26X1B	B	£27.88	23
8017.32X1.90BW	BW	£51.55	23
8017.32X125B	B	£38.94	23
8017.32X1B	B	£29.55	23
8024.20X16W	W	£8.13	23
8024.26X16W	W	£13.23	23
8024.26X20W	W	£14.71	23
8024.32X20W	W	£19.04	23
8024.32X26W	W	£18.33	23
8027.16X15B	B	£13.10	23
8027.20X22B	B	£17.78	23
8027.26X22B	B	£26.78	23
8027.32X26B	B	£27.46	23
8030.16W	W	£7.33	24
8030.20W	W	£8.75	24
8030.26W	W	£13.91	24
8030.32W	W	£15.71	24
8046.16X05X16.90BW	BW	£32.20	24
8046.20X05X20.90BW	BW	£37.26	24
8046.20X075X20.90BW	BW	£46.13	24
8046.26X05X26.90BW	BW	£43.88	24
8046.26X075X26.90BW	BW	£47.36	24
8046.32X05X32.90BW	BW	£59.20	24
8046.32X075X32.90BW	BW	£59.20	24
8046.32X1X32.90BW	BW	£63.49	24
8058.16X05.90BW	BW	£42.65	24
8058.16X05BW	BW	£16.88	24
8058.16X075.90BW	BW	£43.07	24
8058.16X075BW	BW	£16.88	24
8058.20X075.90BW	BW	£47.46	24
8058.20X075BW	BW	£19.46	24
8058.20X1BW	BW	£23.75	24
8058.26X075BW	BW	£42.42	24
8058.26X1.90BW	BW	£91.55	24
8058.26X125BW	BW	£33.88	24
8058.26X15BW	BW	£50.68	24
8058.26X1BW	BW	£28.78	24
8058.32X125BW	BW	£53.94	24
8058.32X15BW	BW	£69.78	24
8058.32X1BW	BW	£52.36	24
8900.16X32G		£330.78	25
8960.16T		£32.13	25
8960.20T		£35.71	25
8960V.26T		£165.04	25
8960V.32T		£170.59	25
8970.16T		£71.81	25
8970.20T		£86.04	25
8980.16X32T		£271.30	25
8990.16T		£567.04	25
8990.20T		£567.04	25
8990.26T		£567.04	25
8990.32T		£638.07	25
8990M.16T		£581.36	25
8990M.20T		£581.36	25
8990M.26T		£590.78	25
8990M.32T		£639.42	25



POLYPIPE
ADVANTAGE



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

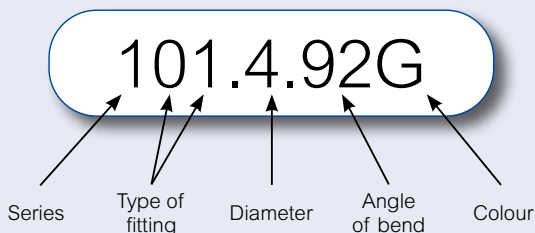
- 19mm PVCu pipe and fittings
- Range of tank connectors

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 & Waste




































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 solventing						
	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.						
	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	  G	3	104.64.92	£217.52
	No waste boss connections.					
	160/110	135	  G	2	104.64.135	£228.75
Corner branch all socket						
	2 boss horns.					
	110	92½	  G	5	106.490.92	£384.98
UNIQUE Corner boss branch						
	2 boss horns. 2 waste sockets.					
	Spigot outlet					
	110	92½	 G	7	106.490.12	£446.20
	Socket outlet					
	110	92½	  G	3	106.490.22	£446.20
Insert plugs not sold separately.						
Double branch						
	4 boss horns.					
	Spigot outlet.					
	110	92½	  G	2	106.104.92	£218.01
	110	135	 G	4	106.104.135*	£218.01
	4 boss horns.					
	Socket outlet.					
	110	92½	   GW	2	106.4.92	£186.49
	2 bosses.					
	110	135	  G	6	106.4.135*	£227.84
	82	92	 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	  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  GBW 10 139.4 £70.28					
	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	  GB 24 103.4.92 £180.99			
Single access branch triple socket						
	4 boss horns.					
	110	92½	  G 6 105.4.92 £151.02			
	No boss connections.					
	160	135	G	S105.6.135		£170.59
Pipe access door						
	82  G 5 135.3 £79.47					
	110  GB 5/45 135.4 £75.81					
	160  G 5/50 135.6 £139.44					
Access cap						
	82  GBW 5/70 136.3 £54.05					
	110  GBW 5/30 136.4 £61.90					
	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 & Waste

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		Self	5/15	190.4	£121.75
	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		Self	20	191.4	£61.89
	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		Self	10/30	140.4	£18.77
	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		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		GB	60	131.3	£16.81
	110		GBW	5/90	131.4	£18.45
	For asphalt upstand.					
	82		G	5/40	131.3.200	£71.03
	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						

*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   A 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   A 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   A 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   A 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  A 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  A G 5 119.412.15 £119.21					
Reducer spigot/socket						
	82/50   A G 5/90 124.3.2 £34.73 110/50   A GBW 5/60 124.4.2 £42.10 110/82   A GBW 5/60 124.4.3 £43.41 160/110   A 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	♡ ⊞ A	GW	10/130	117.15.90	£18.19
	For 50mm waste pipe. For use on 58mm boss horn.						
	58/50	90	♡ ⊞ A	GW	10/190	117.2.90	£21.82
	58/50	150	♡ ⊞ A	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°	A	G	1/8	107P.4.VAR	£114.53
	Double socket bend						
	110	92½°	A	G	5/15	101D.4.92	£71.78
	Single branch spigot outlet						
With boss connections.							
	82	92½°	♥A	G	5/15	104P.3.92	£91.06
	5 boss horns.						
	110	92½°	A	GB	8	104P.4.92	£78.65
	160	92½°	♥A	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°	A	G	5	104P.64.92	£213.69
	No boss horns.						
	160/110	135°	A	G	4	104P.64.135	£213.69
	200/110	135°	A	G	2	104P.84.135	£272.65
	200/160	135°	A	G	2	104P.86.135	£413.73
	250/160	135°	A	G	6	104P.106.135	£403.26
	250/200	135°	A	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°	♥A	G	6	104P.4.135	£82.71
	160	135°	♥	G	4	104P.6.135	£169.85
	200	135°	A	G	20	104P.8.135	£200.70
	250	135°	A	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		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			GB	5/40	136P.3	£46.43
	110			GB	24	136P.4	£52.26
	160			G	15	136P.6	£128.79

Soil & Waste

Soil Systems - 100P Push-fit

	Size mm	Angle	Col	Pack/ Box	Code	Price Each
Strap-on boss						
	For 32mm waste pipe.					
	110/32	⌘	GB	10/100	112P.4.125	£26.49
	For 40mm waste pipe.					
	110/40	⌘	GB	10/90	112P.4.15	£26.49
	For 50mm waste pipe.					
	110/50	⌘	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	⌘⌘	G	5/85	124P.3.2	£42.78
	110/50	⌘	G	5/60	124P.4.2	£56.79
	110/82	⌘	G	5/30	124P.4.3	£56.79
	160/110	⌘⌘	G	5/15	124P.6.4	£85.79
	200/110	⌘	G	12	124P.8.4	£88.70
	200/160	⌘	G	96	124P.8.6	£90.45
	250/110	⌘	G	1	124P.10.4	£100.24
	250/160	⌘	G	85	124P.10.6	£114.15
	250/200	⌘	G	6	124P.10.8	£123.96
Short bossed pipe						
	With boss connection.					
	For use with 117 boss horn, see page 34.					
	82	⌘⌘	G	5/15	123P.3	£33.76
	110	⌘	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	♥ ♠	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	♠	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 & Waste

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	▽	GW	5/230	223.15.125	£7.43
	50/32	▽	GW	10/190	223.2.125	£9.18
	50/40	▽	GW	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 & Waste








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	90°	W	10/400	323.15.125	£5.31
Pipe and fitting clip						
	32	90°	W	20/800	340.125	£1.68
	40	90°	W	20/600	340.15	£1.68
Tank connector						
For connecting push-fit polypropylene pipe to water tank. Supplied with 2 sealing washers.						
	32	90°	W	10/150	311.125	£4.95
	40	90°	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 & Waste









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	91°	W	50/750	501.75.91	£7.39
	19	135°	W	50/1100	501.75.135	£7.43
Branch						
	19	91°	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 3/4" 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 3/4" 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









Waste Traps - 400

	Size mm	Angle	Col	Pack/ Box	Code	Price Each
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
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


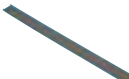





WC Pan Connectors - 490

	Size mm	Angle	Col	Pack/ Box	Code	Price Each
Straight WC connector fin seal						
	110	♥	R	W	5/40 499P.4.00	£11.79
90° WC connector fin seal bend						
	110	90	♥	R	W 5/15 499P.4.90	£14.02
14° WC connector fin seal spigots						
	110	14	R	W	5/35 499P.4.104	£11.58
40mm offset WC connector fin seal						
	110		R	W	5/30 494P1.4.00	£11.58
12mm offset WC connector fin seal						
	110		R	W	5/40 494P2.4.00	£11.58
Swivel connector 0-30° fin seal						
Adjustable 0-30°						
	110	0-30	R	W	5/20 498P.4.030	£30.10
Swan neck WC connector 90° fin seal						
	110	90	R	W	5/15 496P.4.90	£25.63
Long 90° WC connector fin seal						
225mm leg						
	110	90	R	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	R	W	5/15 495P.4.90	£34.68
Extension 200mm						
	110		R	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	R	W	6 499.4.05	£30.25
	110	14	R	W	6 499.4.14	£30.25
	110	24	R	W	5/10 499.4.24	£30.25
	110	34	R	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	R	B	5/10 497.35.05	£82.55
	110	34	R	B	5/10 497.35.34	£82.55
	110	18	R	B	1/12 F497.35.18	£82.55
	110	29	R	B	1/12 F497.35.29	£82.55
WC connectors socket outlet						
	110	2½	R	W	5/50 498.4.02	£18.33
	110	90	R	W	5/25 498.4.90	£29.63
90° WC turned connector socket outlet						
	110	90	R	W	5/20 492.4.5	£47.24
WC straight connector socket outlet						
For connecting non BS 5503 WC pans to soil pipes						
	110		R	W	5/25 495.4.5	£33.03

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		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 & 106P.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

Soil & Waste

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100.4.30	GBW	£128.25	31
100.4.40	GBW	£170.92	31
100.6.30	G	£349.36	31
100.6.40	G	£456.63	31
101.3.92	GBW	£57.39	31
101.3.135	GBW	£57.39	31
101.4.025	G	£124.76	31
101.4.92	GBW	£65.24	31
101.4.104	G	£67.95	31
101.4.112	GB	£67.95	31
101.4.135	GBW	£65.24	31
101.6.92	G	£170.91	31
101.6.135	G	£167.16	31
103.4.92	GB	£180.99	32
104.3.92	GBW	£80.17	31
104.3.135	G	£80.17	31
104.4.92	GBW	£86.29	31
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104.4.135	GBW	£90.04	31
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104.6.492	G	£217.52	32
104.6.4.135	G	£228.75	32
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104.42.92	G	£202.85	31
105.4.92	G	£151.02	32
106.3.92	G	£83.91	32
106.3.135	G	£148.51	32
106.4.92	GW	£186.49	32
106.4.135*	G	£227.84	32
106.6.135	G	£138.41	32
106.8.4.92	G	£405.24	32
106.10.4.92	G	£218.01	32
106.10.4.135	G	£218.01	32
106.490.12	G	£446.20	32
106.490.92	G	£446.20	32
106.490.92	G	£384.98	32
107.3.92	G	£56.69	31
107.4.025	G	£125.23	31
107.4.92	GBW	£63.24	31
107.4.135	GBW	£70.96	31
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109.4	GBW	£13.82	31
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111.6.4	GB	£61.02	31
111.6.6	G	£131.82	31
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112.7.30	GW	£12.21	34
112.7.150	G	£19.82	34
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117.15.90	GW	£18.19	34
117.15	GBW	£12.21	34
117.125	GBW	£12.21	34
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120.412.2	G	£38.69	34
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122.4.125	G	£42.39	34
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136.6	G	£139.44	32
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136.6	G	£122.55	32
137.3	GW	£143.46	32
137.4.502	G	£28.80	32
137.4	GBW	£88.16	32
138.4	GBW	£68.58	32
138.6	G	£267.46	32
139.4	GBW	£70.28	32
139.6	G	£110.02	32
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140.4	Self	£18.77	33
140.6	Self	£46.41	33
143.3	GBW	£13.26	33
143.4	GBW	£12.07	33
144.4	BW	£25.02	33
149.16.00	Alu/B	£195.63	33
150.3	G	£16.55	33
150.4	GBW	£15.86	33
150.6	G	£44.51	33
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153.4	W	£190.23	33
190.3	Self	£115.14	33
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117.125	GBW	£12.21	37
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100P.4.30	G	£115.21	35
100P.4.40	G	£154.76	35
100P.6.30	G	£321.75	35
100P.6.40	G	£429.16	35
1010.4.92	G	£71.78	35
101P.3.92	G	£56.93	35
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101P.4.112	G	£87.82	35
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101P.8.92	G	£319.16	35
103P.3.92	G	£224.20	36
103P.4.92	G	£164.07	36
103P.6.92	G	£433.62	36
104.4.92	G	£390.97	36
104.6.135	G	£204.15	36
104.6.135	G	£203.99	36
104P.3.92	G	£91.06	35
104P.3.135	G	£148.46	35
104P.4.92	GB	£78.65	35
104P.4.112	G	£115.66	35
104P.4.135	G	£52.71	35
104P.6.135	G	£217.15	35
104P.6.135	G	£169.85	35
104P.8.92	G	£456.70	35
104P.8.135	G	£200.70	35
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104P.108.135	G	£414.49	35
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107P.8.135	G	£218.01	35
107P.10.135	G	£290.20	35
110P.3	G	£45.80	35
110P.4	GB	£38.81	35
110P.6	G	£96.49	35
110P.8	G	£108.65	35
110P.10	G	£169.97	35
111P.3	G	£25.49	35
111P.4	GB	£27.14	35
111P.6	G	£88.88	35
112P.4.2	GB	£26.80	37
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120P.612.2	G	£136.93	37
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123P.4	G	£32.54	37
123P.312	G	£69.69	37
124P.3.2	G	£42.78	37
124P.4.2	G	£56.79	37
124P.4.3	G	£56.79	37
124P.4.6	G	£56.79	37
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124P.10.8	G	£123.96	37
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204.15.91	GBW	£10.01	36
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207.15.135	GBW	£11.49	36
207.15.150	G	£11.69	36
207.125.92	GBW	£9.67	36
207.125.135	GBW	£9.81	36
207.125.150	G	£10.21	36
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210.2	GBW	£10.54	36
210.15	G	£5.78	36
210.125	GBW	£5.81	36
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211.125	G	£24.83	36
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223.2.125	GW	£9.18	39
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225.15	GW	£16.68	38
225.125	GW	£12.61	38
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227.125	GW	£12.80	38
232.2	GW	£10.43	38
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232.2	G	£14.42	39
237.2	GBW	£7.70	39
237.15	GBW	£5.39	39
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240.2	GBW	£2.91	39
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240.125	GBW	£1.91	39
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242.15	W	£2.67	39
242.125	W	£2.34	39
250.2	GW	£14.47	39
253.2	W	£7.93	39
281.43	G	£77.03	39
281.64	GT	£78.75	39
282.6	G	£27.96	39
283.6	Self	£58.96	39
484.6	GW	£35.64	39
DNW200	B	£55.84	39
300 Push-fit			
311.125	W	£4.95	41
311.15	W	£4.95	41
323.15.125	W	£5.31	41
340.125	W	£1.68	41
340.15	W	£1.68	41
PD100	W	£5.53	41
PD101	W	£1.58	41
PD101	W	£1.58	41
600 ABS Solvent			
600.2.30	W	£37.25	41
600.15.30	W	£33.89	41
600.125.30	W	£25.41	41
604.2.15	W	£10.50	41
604.2.135	W	£10.50	41
604.15.91	W	£5.92	41
604.15.135	W	£9.92	41
604.125.91	W	£5.39	41
604.125.135	W	£5.39	41
602.15.91	W	£5.41	41
602.15.135	W	£4.89	41
604.2.91	W	£17.78	42
604.2.135	W	£17.78	42
604.15.91	W	£9.09	42
604.15.135	W	£11.43	42
604.125.91	W	£7.22	42
604.125.135	W	£6.82	42
606.2.15	W	£23.70	42
606.15.91	W	£2.65	42
607.15.135	W	£10.43	41
607.125.135	W	£8.94	41
610.2	W	£5.58	41
610.15	W	£9.22	41
610.125	W	£5.28	42
612.2	W	£13.82	42
612.15	W	£9.58	42
612.125	W	£9.58	42
617.2	W	£14.84	42
617.15	W	£10.81	42
617.125	W	£9.24	42
624.2.15	W	£9.31	42
624.2.125	W	£8.36	42
624.15.125	W	£5.28	42
625.2	W	£15.15	42
625.15	W	£11.45	42
625.125	W	£9.29	42
637.15	W	£7.00	42
637.125	W	£4.88	42
637.125	W	£4.88	42

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Code	Colour	Price	Page
500 Overflow			
500.75.40	W	£22.53	43
501.75.91	W	£7.39	43
501.75.135	W	£7.43	43
502.75.90	W	£11.75	43
504.75.91	W	£8.02	43
510.75	W	£5.26	43
511.75	W	£9.92	43
512.75	W	£10.66	43
519.75	W	£3.02	43
524.75	W	£8.74	43
540.75	W	£2.28	43
590.75	W	£61.75	43

400 Waste Traps

407.15.90	W	£6.74	44
407.125.90	W	£5.98	44
411.15	W	£14.96	44
411.125	W	£12.19	44
415.15	W	£19.10	44
415.125	W	£15.96	44
421.15	W	£21.87	44
421.125	W	£18.88	44
431.15	W	£12.51	44
431.125	W	£10.52	44
432.15	W	£15.19	44
432.125	W	£12.75	44
433.15	W	£20.97	44
445.15	W	£17.07	44
445.125	W	£16.04	44
411AS.15	W	£19.46	44
411AS.125	W	£16.60	44
411T.15	W	£18.39	44
411T.125	W	£15.39	44
421AS.15	W	£22.39	44
421AS.125	W	£19.25	44
431AS.15	W	£16.61	44
431AS.125	W	£14.84	44
431T.15	W	£15.24	44
431T.125	W	£13.12	44
431TAS.15	W	£18.15	44
431TAS.125	W	£17.45	44
439AS.15	W	£25.78	44
445AS.15	W	£21.33	44
445AS.125	W	£20.32	44

490 Pan Connectors

492.4.5	W	£47.24	45
495.4.5	W	£33.03	45
497.35.05	B	£82.55	45
497.35.34	B	£82.55	45
498.4.02	W	£18.33	45
498.4.90	W	£29.63	45
499.4.05	W	£30.25	45
499.4.14	W	£30.25	45
499.4.24	W	£30.25	45
499.4.34	W	£30.25	45
491P.4.90	W	£14.65	45
493P.00	W	£10.66	45
494P1.4.00	W	£11.58	45
494P2.4.00	W	£11.58	45
495P.4.90	W	£34.68	45
496P.4.90	W	£25.63	45
498P.4.030	W	£30.10	45
499P.4.00	W	£11.79	45
499P.4.90	W	£14.02	45
499P.4.104	W	£11.58	45
F497.35.18	B	£82.55	45
F497.35.29	B	£82.55	45
S499.4.09	W	£70.53	45
S499.4.18	W	£70.53	45
S499.4.29	W	£70.53	45
S499.4.X	W	£70.53	45

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Code	Colour	Price	Page
Accessories			
137.4.502	G	£28.60	46
9100.250SW		£46.11	46
9100.500SW		£85.19	46
9101.250CF		£31.56	46
9104.6	G	£22.58	46
9105.500T	Blue	£45.54	46
9113	B	£3.31	46
9114	G	£3.71	46
9115	Self	£101.14	46
9116.4	B	£0.28	46
9116.6	B	£11.91	46
9119.B	B	£9.83	46
9124	B	£26.32	46
9132.2	B	£2.47	46
9132.15	B	£1.83	46
9132.125	B	£1.57	46
9136.250L		£112.79	46
9136.500L		£23.29	46
499P.4.908	B	£8.52	46



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***





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

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

†For Rigid pipe support *without cap.

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

*without cap. 930.160B cap available for 927.160B.

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
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HDPE male PVC adaptor with ring seal

	110/100	15	9113.110100B	£23.97
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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
	927.5036B	50
	927.5043B	50
	927.5636B	56
	927.5643B	56

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

*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



990.4B
110mm HDPE
to 4" PVC Rigid
Fixing

990.110B
110mm HDPE
to HDPE Rigid
Fixing

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 - 1brass *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



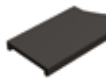

Utilities

	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
	315	1	927.315.908B	£11.05
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

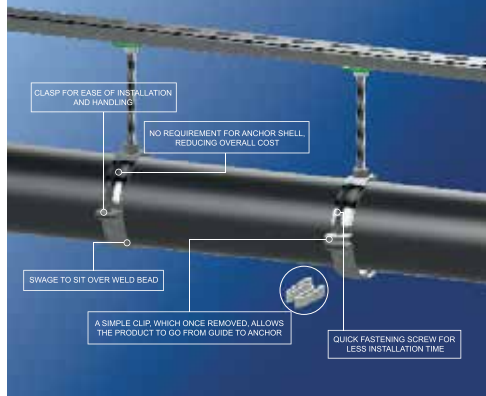
	Size mm	Pack/ Box	Code	Price Each
Anchor / Guide Bracket				
	Guide bracket performs as an anchor with removal of the plastic clips. For larger diameter we recommend M16 brackets.			
	40mm x M10	50	9140.40B	£5.94
	50mm x M10	50	9140.50B	£8.23
	56mm x M10	50	9140.56B	£8.42
	75mm x M10	25	9140.75B	£8.89
	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			
	40mm x 10m	2	9104.40B	£58.94
Anti vibration insert				
	For acoustic brackets			
	30mm x 30 (58mm-314mm)	1	9105.30B	£188.70

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 PINNED 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

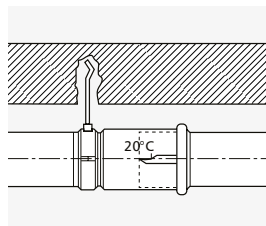
*For hiring details, please call local TSM.

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.

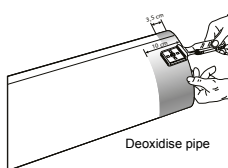
The electrical resistance wires will not corrode as they are protected by HDPE after welding.



Pipe scraper



Terrain FUZE Box

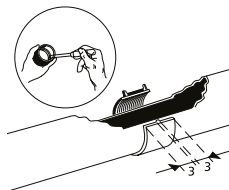


Cut the pipe squarely, dry, clean and scrape the welding surfaces.

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.

Index			
Code	Pack Qty	Price	Page

FUZE Stax			
9401.11010568	1	£185.67	53
9401.16010568	1	£367.58	53
9402.11010568	1	£147.17	53
9402.16010568	1	£326.69	53
9403.11010568	1	£179.70	53
9403.16010568	1	£384.72	53
9404.11010568	1	£169.01	53
9404.16010568	1	£324.02	53
9405.11010568	1	£217.60	53
9405.16010568	1	£383.69	53
9406.11010568	1	£200.12	53
9406.16010568	1	£327.37	53
9407.10568	1	£96.83	53
9407.160568	1	£203.89	53
9407.75568	1	£98.51	53
9408.10568	1	£75.25	53
9408.160568	1	£144.45	53
9408.75568	1	£57.97	53
9409.10568	1	£148.06	53
9409.160568	1	£382.48	53
9409.75568	1	£73.78	53
9410.10568	1	£128.11	53
9410.160568	1	£227.31	53
9410.75568	1	£63.24	53
9411.1108	1	£60.15	53
9411.1608	1	£113.08	53
9411.568	1	£38.57	53
9411.758	1	£44.24	53
9412.1608	1	£117.20	54
9412.568	1	£270.16	54
9412.568	1	£66.16	54
9412.758	1	£78.26	54
9413.110108	4	£33.37	54
9413.160108	3	£101.81	54
9414.110108	4	£47.43	54
9414.160108	3	£104.27	54
9415.110108	4	£40.05	54
9415.10568	4	£31.62	54
9415.10758	4	£36.89	54
9415.160108	3	£101.05	54
9416.110108	4	£39.59	54
9416.10568	4	£31.62	54
9416.10758	4	£39.00	54
9416.160108	3	£108.02	54

FUZE Pipes			
900.40.308	50	£18.10	54
900.40.508		£30.31	54
900.50.308	50	£21.62	54
900.50.508	86	£35.99	54
900.56.308	40	£24.83	54
900.56.508	54	£41.29	54
900.75.308	30	£34.28	54
900.75.508	58	£57.14	54
900.110.308	15	£61.53	54
900.110.508	57	£102.51	54
900.160.308	10	£147.68	54
900.160.508	10	£246.09	54
900.200.508	10	£319.92	54
900.250.508	8	£511.25	54
900.315.508	6	£797.25	54

FUZE Fittings			
901.40.1358	5	£4.05	56
901.40.928	200	£4.05	56
901.50.1358	5	£4.07	56
901.50.928	100	£5.46	56
901.56.1358	120	£4.77	56
901.56.928	30	£5.30	56
901.75.1358	50	£7.86	56
901.75.928	40	£9.90	56
901.110.1128	1	£77.23	56
901.110.1358	24	£11.25	56
901.110.1508	30	£38.02	56
901.110.1658	50	£37.19	56
901.110.928	30	£14.70	56
901.160.1128	1	£119.76	56
901.160.1358	18	£47.62	56
901.160.1508	1	£58.08	56
901.160.1658	1	£55.05	56
901.160.928	90	£61.70	56
901.200.1128	32	£17.30	56
901.200.1358	32	£137.34	56
901.200.1508	1	£72.08	56
901.200.1658	1	£66.94	56
901.250.1128	1	£225.23	56
901.250.1358	1	£213.65	56
901.250.1508	1	£118.03	56
901.250.1658	1	£115.22	56
901.315.1128	1	£389.09	56

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Code	Pack Qty	Price	Page

901.315.1358	10	£296.31	56
901.315.1508	1	£187.69	56
901.315.1658	1	£168.60	56
902.56.908	20	£6.43	56
902.110.908	10	£20.88	56
904.40.1358	80	£9.89	56
904.40.908	100	£8.07	56
904.50.1358	50	£10.24	56
904.50.908	70	£10.24	56
904.56.1358	40	£9.70	56
904.56.908	40	£10.24	56
904.56.928	40	£17.55	57
904.75.1358	20	£11.94	56
904.75.908	30	£12.80	56
904.110.1358	16	£20.51	56
904.110.908	20	£18.48	56
904.110.928	17	£56.77	57
904.110.928	18	£22.33	57
904.160.1358	45	£94.64	56
904.160.908	8	£102.87	56
904.200.1358	16	£305.26	56
904.200.908	30	£12.80	56
904.250.1358	8	£54.52	56
904.250.908	1	£291.57	56
904.315.1358	1	£754.63	56
904.315.908	1	£411.61	56
904.5040.1358	20	£10.24	57
904.5040.908	25	£10.24	56
904.5650.1358	25	£10.24	57
904.5650.908	25	£10.24	56
904.7540.1358	25	£11.94	57
904.7540.908	25	£12.60	56
904.7550.1358	25	£11.94	57
904.7550.908	20	£12.60	56
904.7556.1358	25	£11.94	57
904.7556.908	30	£12.60	56
904.11040.1358	10	£20.51	57
904.11040.908	15	£18.48	56
904.11050.1358	15	£20.51	57
904.11050.908	10	£18.48	56
904.11056.1358	15	£20.51	57
904.11056.908	10	£18.48	56
904.11075.1358	10	£20.51	57
904.11075.908	10	£18.48	56
904.11090.128	120	£103.00	57
904.16075.1358	6	£127.57	57
904.20075.1358	1	£190.50	57
904.160110.1358	7	£94.64	57
904.160110.908	8	£102.87	56
904.200110.1358	1	£204.03	57
904.200110.908	1	£204.03	56
904.200160.1358	1	£212.63	57
904.200160.908	1	£204.03	56
904.250110.1358	10	£342.97	57
904.250110.908	1	£291.57	56
904.250160.1358	1	£377.32	57
904.250160.908	1	£291.57	56
904.250200.1358	1	£377.32	57
904.250200.908	1	£291.57	56
904.315110.1358	1	£600.28	57
904.315110.908	1	£342.97	56
904.315160.1358	1	£600.28	57
904.315160.908	1	£342.97	56
904.315200.1358	1	£634.54	57
904.315200.908	1	£342.97	56
906.110.1358	8	£37.69	57
906.110.608	10	£32.55	57
906.110.928	6	£51.34	57
906.5040.908	24	£12.80	56
906.11040.1358	10	£29.42	57
906.11050.1358	10	£33.55	57
906.11090.128	9	£128.82	57
906.11090.928	12	£77.17	57
906.11093.928	75	£103.00	57
907.200.908	1	£226.00	56
907.250.908	14	£377.32	56
907.315.908	1	£548.83	56
910.1108	10	£13.05	54
910.1608	8	£32.75	54
910.2008	10	£228.14	54
910.2508	55	£377.13	54
910.3158	34	£427.76	54
910.408	20	£39.24	54
910.508	16	£9.12	54
910.568	16	£8.75	54
910.758	18	£13.24	54
911.40.9088	20	£1.47	62
911.50.9088	20	£1.65	62
911.56.9088	20	£2.54	62
911.75.9088	20	£3.33	62
911.110.9088	50	£4.18	62

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911.160.9088	10	£5.68	62
911.200.9088	10	£14.32	62
911.1108	10	£24.24	55
911.1608	80	£66.12	55
911.2008	1	£305.26	55
911.2508	1	£423.56	55
911.3158	8	£766.61	55
911.408	20	£17.90	55
911.508	30	£17.80	55
911.568	30	£17.06	55
911.758	20	£22.62	55
912.1108	15	£40.74	59
912.408	40	£10.50	59
912.508	40	£11.36	59
912.568	25	£11.36	59
912.758	20	£31.84	59
916.40.058	20	£56.73	61
916.40.0758	20	£56.73	61
916.40.18	20	£56.73	61
916.50.058	20	£83.50	61
916.50.0758	20	£83.50	61
916.50.18	20	£83.50	61
916.50.158	50	£83.50	61
916.50.18	20	£83.50	61
916.56.28	50	£101.43	61
916.75.258	5	£96.03	61
917.50.1258	10	£83.50	61
917.50.158	50	£83.50	61
917.56.28	50	£101.43	61
917.75.258	5	£99.47	61
917.4046.908	40	£4.49	61
917.4624.9088	150	£2.69	61
917.4636.9088	150	£1.30	61
917.5046.908	40	£4.49	61
917.5058.908	20	£5.24	61
917.5646.908	20	£5.24	61
917.5658.908	20	£5.24	61
917.5836.9088	100	£2.69	61
917.5847.9088	100	£2.69	61
917.40468	50	£3.99	61
917.50588	50	£4.49	61
917.56468	50	£4.49	61
917.56588	50	£4.49	61
918.40.15.908N	20	£11.36	61
918.40.15.908PN	20	£10.43	61
918.40.125.908N	20	£11.04	61
918.40.1258N	50	£12.52	60
918.40.125E8	20	£18.79	61
918.40.125E8PN	20	£18.98	61
918.40.125PN	40	£10.43	60
918.40.158N	50	£11.94	60
918.40.158E8N	20	£18.80	61
918.40.158PN	20	£17.01	61
918.40.15PN	40	£10.47	60
918.40.9088	10	£13.07	63
918.40.9188	10	£13.07	63
918.50.1258N	40	£11.36	60
918.50.125E8N	20	£22.34	61
918.50.125E8PN	20	£19.38	61
918.50.125PN	30	£10.43	60
918.50.158N	40	£12.55	60
918.50.158E8N	20	£22.37	61
918.50.158PN	20	£19.38	61
918.50.15PN	80	£11.05	60
918.4050.15.908N	25	£11.36	61
918.4050.15.908PN	20	£10.74	61
918.4050.125.908N	20	£11.04	61
918.4050.125.908PN	20	£9.89	61
918.110.568	5	£120.43	57
920.110.568	8	£59.10	57
920.160.568	15	£102.87	

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980.160B	10	£20.62	59
980.200B	4	£154.38	59
980.250B	5	£267.52	59
980.315B	6	£456.17	59
980.50B	40	£30.81	59
980.56B	1	£30.81	59
980.75B	1	£42.71	59
981.110B	1	£88.44	59
981.160B	1	£119.92	59
981.200B	5	£171.38	59
981.250B	1	£250.24	59
981.315B	1	£342.90	59
981.50B	1	£44.48	59
981.56B	1	£47.85	59
981.75B	1	£58.18	59
982.110B	1	£13.70	59
982.160B	1	£16.33	59
982.200B	30	£19.71	59
982.250B	1	£34.27	59
982.315B	1	£44.55	59
982.50B	1	£5.11	59
982.56B	1	£6.85	59
982.75B	1	£7.07	59
983.110B	1	£123.41	59
983.160B	1	£205.61	59
983.200B	8	£267.52	59
983.250B	1	£370.42	59
983.315B	1	£686.05	59
983.50B	1	£101.15	59
983.56B	1	£74.05	59
983.75B	1	£78.14	59
984.16110B	1(8pcs)	£44.59	59
984.1650B	1(4pcs)	£17.19	59
984.1663B	1(4pcs)	£19.25	59
984.20160B	1(8pcs)	£65.22	59
984.20250B	1(2pcs)	£120.05	59
990.110B	4	£56.47	55
990.4B	4	£49.77	55
999.110.90B	10	£70.05	60
999.90100.00B	10	£59.66	60
9000.40315.110V		£3,091.58	63
9104.40B	2	£58.94	63
9105.30B	1	£186.70	63
9110.110B	12	£41.42	55
9110.110C	12	£50.31	55
9110.160B	8	£51.69	55
9110.160C	8	£94.00	55
9113.110100B	15	£23.97	55
9113.908B	20	£0.65	62
9116.110B	20	£1.65	62
9116.160B	20	£4.18	62
9116.40B	20	£0.55	62
9116.50B	20	£0.65	62
9116.75B	20	£0.99	62
9118.110B	10	£3.44	62
9118.50B	10	£2.09	62
9118.56B	10	£3.13	62
9118.75B	10	£2.84	62
9119.110B	20	£2.84	62
9119.50B	10	£1.30	62
9119.56B	50	£1.96	62
9119.75B	10	£2.84	62
9120.110B	10	£19.69	59
9120.50B	10	£7.14	59
9120.56B	10	£9.07	59
9120.75B	10	£12.85	59
9122.110B	100	£15.83	59
9122.50B	50	£5.94	59
9122.56B	10	£6.26	59
9122.75B	15	£9.89	59
9130.110B	60	£1.47	62
9130.160B	10	£2.69	62
9130.200B	5	£3.33	62
9130.40B	40	£1.04	62
9130.50B	150	£1.04	62
9130.56B	160	£1.04	62
9130.75B	30	£10.28	62
9140.110B	25	£10.28	62
9140.110R	15	£25.77	62
9140.160B	25	£12.22	62
9140.160R	1	£34.53	62
9140.200B	25	£44.48	62
9140.250B	10	£45.00	62
9140.315B	10	£52.47	62
9140.40B	50	£5.94	62
9140.50B	50	£8.23	62
9140.56B	50	£8.42	62
9140.75B	25	£8.89	62
9148.10B	100	£7.79	62
9148.25B	25	£9.62	62
9149.200B	15	£67.82	62
9149.250B	2	£67.82	62
9149.315B	2	£69.49	62

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9300.4	1	£955.98	67
9301.34	1	£195.07	67
9301.253	1	£84.89	67
9500.100160T		£566.76	63
9500.180315T		£2,434.69	63
9500.50140T		£507.11	63
9500.663T		£351.99	63
9502.32160T		£447.42	63
9502.40250T		£689.06	63
9631.110.0B	5	£89.50	60
9936.110B	20	£30.22	59
9936.56B	10	£11.87	59
9938.110B	10	£13.45	59
910P.110B	1	£90.80	55
910P.160B	5	£328.13	55
910P.200B	1	£417.62	55
910P.250B	1	£626.42	55
910P.315B	1	£865.06	55
911E.110B	6	£175.10	55
911S.110B	16	£168.75	55
911S.160B	8	£328.13	55
911S.200B	1	£447.42	55
911S.250B	1	£626.42	55
911S.315B	1	£865.06	55
9147B	1	£4.49	63
9149B	1	£13.71	63
9504T		£259.53	63
9507T		£83.50	63
9508T		£138.70	63
AW00-2003		£196.29	63
AW00-2004		£220.84	63
HDC464334		£587.00	63
HDC464335		£587.00	63

Terrain P.A.P.A.® and Pleura Vent System

- 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 Polypipe 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

Terrain Q Benefits

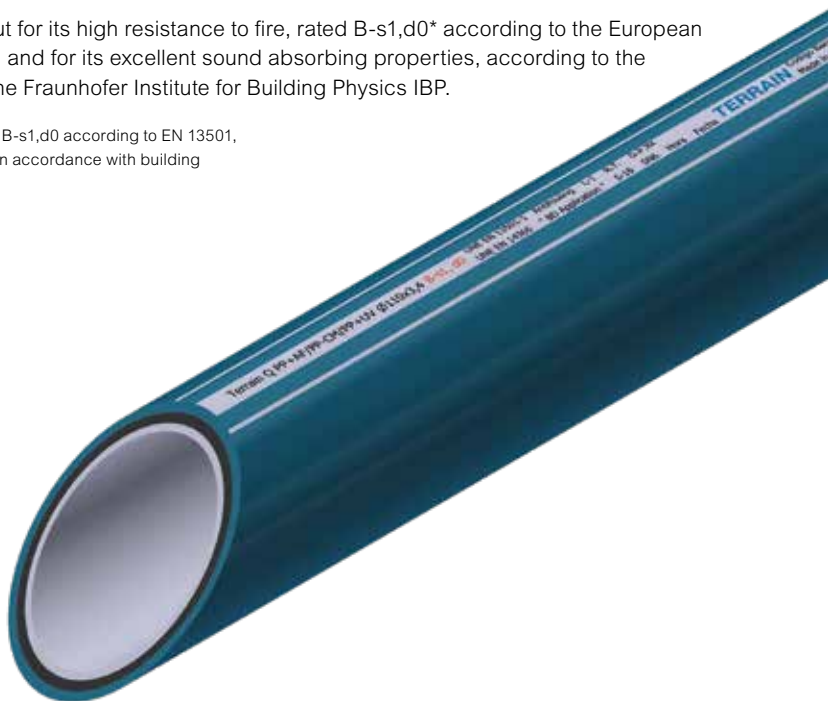
- Low Noise Transmission
- Fire Classification B-s1, d0
- Chemical Resistance
- Anti- Fouling
- Increased Mechanical Strength
- Push-Fit Jointing
- UV Protection
- Abrasion Resistance
- Easy Handling

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 Bend 87°				
	110	20	701P.110.92B	£52.97







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

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Code	Pack Qty	Price	Page
Terrain Q Pipes			
700P.40.30B	30	£35.34	70
700P.50.30B	30	£32.26	70
700P.75.30B	30	£52.74	70
700P.110.30B	15	£91.46	70
700P.160.30B	10	£193.04	70
700P.200.30B	10	£369.67	70

Terrain Q Fittings

6789/DVW	50	£10.07	71
6790/DVW	75	£9.97	71
701P.110.135B	16	£51.25	70
701P.110.92B	20	£52.97	70
704E.110.135B	10	£76.40	70
704P.40.135B	25	£16.25	70
704P.40.92B	30	£15.55	70
704P.50.135B	30	£19.74	70
704P.50.92B	40	£18.30	70
704P.75.135B	15	£56.98	70
704P.75.92B	15	£56.98	70
704P.104.92B	8	£120.45	71
704P.110.135B	10	£66.80	70
704P.110.92B	12	£120.45	70
704P.160.135B	3	£180.59	70
704P.160.92B	3	£288.72	70
704P.200.135B	1	£616.20	70
704P.200.92B	1	£655.80	70
704P.5040.135B	20	£19.74	70
704P.7550.135B	20	£56.98	70
704P.11050.135B	20	£44.10	70
704P.11050.92B	20	£44.10	70
704P.11075.135B	10	£66.80	70
704P.11075.92B	10	£120.45	70
704P.160110.135B	3	£130.84	70
704P.160110.92B	3	£230.99	70
704P.200160.135B	1	£444.51	70
706P.104.92B	2	£223.54	71
706P.110.135B	2	£130.73	70
706P.110.90B	2	£251.59	70
706P.490.12B	6	£440.86	71
707P.40.135B	50	£7.08	70
707P.40.92B	110	£7.08	70
707P.50.135B	70	£9.19	70
707P.50.92B	70	£9.19	70
707P.75.135B	16	£15.98	70

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Code	Pack Qty	Price	Page
707P.75.92B	20	£15.98	70
707P.110.135B	16	£39.12	70
707P.110.150B	30	£36.85	70
707P.110.165B	12	£35.11	70
707P.110.92B	20	£41.11	70
707P.160.135B	6	£81.23	70
707P.160.92B	3	£86.61	70
707P.200.135B	2	£356.47	70
707P.200.92B	1	£415.93	70
710P.110B	48	£36.12	71
710P.160B	10	£67.09	71
710P.200B	2	£498.67	71
710P.40B	50	£10.29	71
710P.50B	50	£10.96	71
710P.75B	50	£17.19	71
711P.110B	12	£18.81	71
711P.50B	30	£15.68	71
711P.S.110B	20	£24.81	71
711P.S.160B	2	£69.85	71
711P.S.200B	5	£281.39	71
711P.S.40B	50	£10.28	71
711P.S.50B	50	£11.66	71
711P.S.75B	30	£17.19	71
719P.412.15B	5	£116.05	71
720P.412.2B	15	£49.12	71
723P.11050B	24	£41.54	71
723P.11075B	20	£44.86	71
723P.160110B	24	£48.20	71
723P.200160B	5	£413.76	71
723P.5040B	50	£8.81	71
723P.7550B	20	£31.39	71
724P.11050B	30	£13.51	71
724P.11075B	30	£19.10	71
724P.7550B	30	£13.14	71
730P.110B	40	£23.95	71
730P.160B	40	£84.80	71
730P.200B	20	£353.20	71
730P.40B	25	£7.08	71
730P.50B	25	£10.67	71
730P.75B	50	£31.26	71
738P.50.90B	16	£25.78	71
738P.75.90B	10	£44.51	71
738P.110.90B	13	£82.75	71
738P.160.90B	6	£188.37	71
738P.200.90B	2	£695.18	71

Underground



Introduction

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

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

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

They are:


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

Systems include:

Solid wall pipes and fittings

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

Pipe

	Size mm	Angle	Col	Pack/ 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

	Size mm	Angle	Col	Pack/ Box	Code	Price Each	
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

Size mm	Angle	Col	Pack/ Box	Code	Price Each
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	£111.04
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

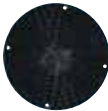




Fittings

	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


Underground


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

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						
						

Index			
Code	Pack Qty	Price	Page
Pipe and Fittings			
3D20D	10/60	£55.16	74
3D25D	5/20	£75.75	74
3D33D	1/20	£113.71	75
3DP58	1/88	£257.91	74
4D20D	5/48	£26.27	74
4D20DSC	5/45	£39.26	74
4D21	5/10	£116.60	74
4D21D	3/9	£130.24	74
4D23D	5/18	£79.70	74
4D25	5/35	£68.38	74
4D25D	5/26	£81.43	74
4D27	5/15	£69.90	74
4D29	5/40	£68.38	74
4D29D	5/35	£81.43	74
4D30	5/15	£100.50	75
4D30D	12	£112.79	75
4D33D	12	£112.79	75
4D63	1/40	£77.46	74
4D64	5/50	£91.56	74
4D68	6/54	£47.46	74
4D69	5/40	£44.38	74
4DG80	2/4	£239.73	75
4DG89	4	£312.83	75
4DG90	4/12	£94.67	75
4DG91	4/8	£171.54	75
4DG92	5/15	£82.58	75
4DG93	4/12	£150.04	75
4DG97	4	£268.35	75
4DP58X	1/67	£285.25	74
4DRE	5/25	£220.30	74
4DV40	5/25	£111.04	74
64D33D	5	£282.20	75
6D20D	5/15	£72.47	74
6D23	5/10	£164.77	74
6D23D	1/6	£189.32	74
6D25	5/8	£164.77	74
6D25D	1/8	£189.32	74
6D27	4/12	£167.87	74
6D30D	4	£315.94	75
6D33D	3	£315.94	75
6D63	1/35	£137.92	74
6D64	1/15	£148.28	74
6D68	1/30	£91.86	74
6D69	1/15	£90.44	74
6DP58X	1/33	£587.97	74

Index			
Code	Pack Qty	Price	Page
Gullies & Hoppers			
4DG82	1/30	£125.70	76
4DG83	1/30	£57.76	76
4DG89G	1/15	£26.09	76
4DG92G	1/100	£17.50	76
4DG92GS	1/100	£77.40	76
4DG96	3	£163.45	76
Inspection Chambers			
4DI215R	1	£189.51	76
4DI215S	1	£44.87	76
4DI240B	1	£466.84	76
4DI600	2	£288.47	76
4DIFC1	4/12	£225.59	76
64DI240B	1	£514.21	76
Reducers & Adaptors			
3DW25	5/60	£59.27	77
43DT	2/30	£54.19	77
4D73	1/36	£73.76	77
4DW200	5/60	£55.84	77
4DW23	5/50	£57.07	77
4DW25	5/50	£55.84	77
4DW3	5/50	£57.07	77
64DT	4/24	£103.03	77

Standards & Certification

Quality Assurance

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

BS EN ISO 9001 – Quality Management System

BS EN ISO 14001 – Environmental Management System

BS ISO 45001 – Occupational Health & Safety Management System

PAS 99 – Integrated Management Registration

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

Standards & Certification

- 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

Standards & Certification

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

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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.

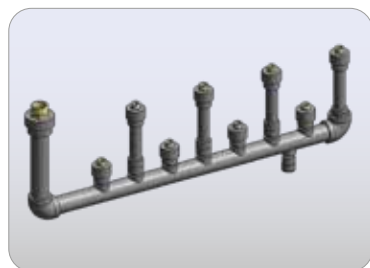
22.5 In cases for the sale or supply of Products overseas, the following additional provisions shall apply unless otherwise stipulated in writing by the Company:

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.



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