

# TERRAIN

## Terrain Drainage Systems



Product Guide 2023

## 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.



Part of the Genuit Group Polypipe Building Services develops and delivers engineered solutions in both drainage and water supply. Specialists in building services, we deliver our products and services to commercial and multi-occupancy buildings, high-rise residential and commercial office projects and healthcare and leisure facilities, whether new build or retrofit projects.

Focused on helping our customers create safe and sustainable services in commercial buildings, we always look to advance our products and services so that they optimise on-site productivity, promote consistent quality and reduce time, cost and waste in installation.

## **TERRAIN**

With over 50 years setting the industry benchmark in drainage, we proudly deliver our drainage products and solutions through our trusted Terrain brand.

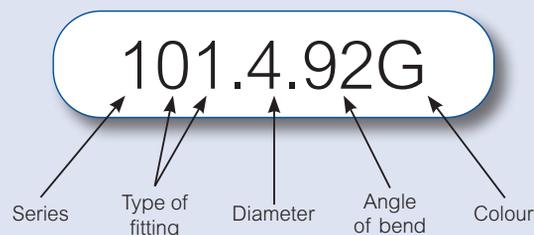
Backed by our specialist technical team, we support in design, product selection through to installation and final system inspection.

Don't forget to check out our Polypipe Advantage Service, where we design, manufacture, test and deliver fabricated drainage stacks making installation of drainage systems not only easier, but faster too.

## Contents

Terrain PVC Soil and Waste	5 - 37
Soil Systems:	
100 Solvent Weld	8 - 15
100P Push-fit	15 - 20
Waste Systems:	
200 Solvent Weld	20 - 24
300 PP Push-fit	24 - 25
600 ABS Solvent Waste	26 - 27
Overflow:	
500 System	28
Traps:	
400 System	29 - 31
WC Pan Connectors:	
490 System	31 - 33
Soil and Waste Accessories	33 - 35
Terrain FUZE	39 - 66
Terrain FUZE Stax <b>NEW</b>	42 - 44
Firetrap Sleeves and Collars	60 - 61
Terrain P.A.P.A. and Pleura Vent System	67 - 68
Terrain Q	70 - 77
Underground	78 - 87
Flexicon Couplers	88 - 89
Terrain Standards, Certification and Technical Services	90 - 91

## 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 = Traps  
 500 = PVCu Overflow  
 600 = ABS Waste  
 700P = Terrain Q  
 900 = 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 [commercialeenquiries@polypipe.com](mailto:commercialeenquiries@polypipe.com).



## 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

## 300-PushFit Terrain Waste System

### *Push-fit polypropylene system*

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

## 400-Traps Terrain Traps

### *Polypropylene traps*

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

## 500-Overflow Terrain Overflow System

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

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

## 600-Solvent Terrain Waste System

### *Solvent-welded ABS system*

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

## Soil Systems - 100 Solvent

Size mm	Angle	Col	Pack/Box	Code
<b>Soil pipe</b>				
Plain ended.				
82 (3m)		GBW	2/88	<b>100.3.30</b>
82 (4m)		GBW	2/88	<b>100.3.40</b>
110 (3m)		GBW	2/48	<b>100.4.30</b>
110 (4m)		GBW	2/48	<b>100.4.40</b>
160 (3m)		G	1/33	<b>100.6.30</b>
160 (4m)		G	1/33	<b>100.6.40</b>

For larger diameter pipes, please see page 15.

### Ring seal adaptor

Converts Terrain solvent socket to a ring seal expansion socket. Note: Requires solventing				
82		G	10/120	<b>109.3</b>
110		GBW	10/80	<b>109.4</b>
160		G	5/60	<b>109.6</b>

### Straight coupler double socket

Double solvent socket.				
82		GBW	5/85	<b>110.3</b>
110		GBW	5/60	<b>110.4</b>
160		G	10	<b>110.6</b>

### Expansion coupler

To allow expansion in longer pipe runs. Installation guide is in the technical manual.				
82		GBW	5/65	<b>111.3</b>
110		GBW	10	<b>111.4</b>
160		G	3	<b>111.6</b>

### Slip coupler

Double ring seal socket. No central stop.				
82		G	5/30	<b>111.S.3</b>
110		GB	5/15	<b>111.S.4</b>
160		G	5	<b>111.S.6</b>

### Swept bend double socket

(82mm) 92½° and 135° as standard.					
(110mm) 92½°, 104°, 112½° and 135° as standard.					
82	92½°		GBW	5/40	<b>101.3.92</b>
110	92½°		GBW	10	<b>101.4.92</b>
Radius 104mm					
160	92½°		G	2	<b>101.6.92</b>
110	104°		G	5/20	<b>101.4.104</b>
110	112½°		GB	5/20	<b>101.4.112</b>
82	135°		GBW	5/50	<b>101.3.135</b>
110	135°		GBW	5/30	<b>101.4.135</b>
160	135°		G	4	<b>101.6.135</b>

### Spigot socket bends

Long tail.					
82	92½°		G	5/40	<b>107.3.92</b>
110	92½°		GBW	10	<b>107.4.92</b>
110	135°		GBW	15	<b>107.4.135</b>

## Soil Systems - 100 Solvent

Size mm	Angle	Col	Pack/Box	Code	
<b>Variable bend spigot/socket</b>					
Adjustable 0-25°.					
110	0-25°		G	10	<b>107.4.025</b>
Double spigot.					
110	0-25°		G	10	<b>101.4.025</b>

### Swept entry equal branch

With boss connections.					
104.3.92		2 boss horns			
104.4.92		3 boss horns			
104.4.924		4 boss horns			
104.6.92		5 boss horns			
104.4.104		2 boss horns			
Connect to boss horns using 117 boss adaptors see page 14.					
82	92½°		GBW	5/25	<b>104.3.92</b>
110	92½°		GBW	7	<b>104.4.92</b>
110	104°		G	5/10	<b>104.4.104</b>
160	92½°		G	4	<b>104.6.92</b>

### Single equal branch

No boss connections. Solvent weld all sockets.					
82	135°		G	5/25	<b>104.3.135</b>
110	135°		GBW	6	<b>104.4.135</b>
160	135°		G	3/54	<b>104.6.135</b>
160	135°		G	5	<b>104AS.6.135</b>

### Single branch spigot outlet

With boss connections. 4 boss horns.					
110	92½°		GB	4	<b>104.104.92</b>
Connect to boss horns using 117 boss adaptors see page 14.					

### Single equal branch variable boss

3 boss horns. 2 waste sockets.						
Spigot outlet.						
<b>UNIQUE</b>	110	92½°		G	4	<b>104.412.92</b>
Socket outlet						
110	92½°		G	3	<b>104.422.92</b>	
Insert plugs not sold separately.						
Connect to boss horns using 117 boss adaptors see page 14.						

### Single unequal branch triple socket

2 boss horns.					
160/110	92½°		G	3	<b>104.64.92</b>
No waste boss connections.					
160/110	135°		G	2	<b>104.64.135</b>

## Soil Systems - 100 Solvent

	Size mm	Angle	Col	Pack/Box	Code
<b>Corner branch all socket</b>					
2 boss horns.					
	110	92%		5	106.490.92
<b>UNIQUE</b>					
<b>Corner boss branch</b>					
2 boss horns. 2 waste sockets.					
Spigot outlet					
	110	92%		7	106.490.12
Socket outlet					
	110	92%		3	106.490.22
Insert plugs not sold separately.					
<b>Double branch</b>					
4 boss horns.					
Spigot outlet.					
	110	92%		2	106.104.92
	110	135		4	106.104.135
4 boss horns.					
Socket outlet.					
	110	92%		2	106.4.92
2 bosses.					
	110	135		6	106.4.135*
	82	92		10	106.3.92
No bosses. Spigot outlet.					
Cannot be used with 109.6.					
	82	135		8	106.3.135
	160	135		1	106.6.135
<b>Double unequal branch</b>					
2 boss horns. Socket outlet.					
	160/110	92%		2	106.64.92
<b>Access pipe double socket</b>					
110					
	110			10	138.4
	160			10	138.6
<b>Access pipe spigot outlet</b>					
110					
	110			10	139.4
	160			10	139.6
*Cannot be used with 109.6					
<b>Access pipe connector</b>					
2 boss horns.					
	82			12	137.3
4 boss horns.					
	110			10	137.4*

## Soil Systems - 100 Solvent

	Size mm	Angle	Col	Pack/Box	Code
<b>Access bend double socket</b>					
	110	92%		24	103.4.92
<b>Single access branch triple socket</b>					
4 boss horns.					
	110	92%		6	105.4.92
No boss connections.					
	160	135			S105.6.135
<b>Pipe access door</b>					
	82			5	135.3
	110			5/45	135.4
	160			5/50	135.6
<b>Access cap</b>					
	82			5/70	136.3
	110			5/30	136.4
	160			5/35	136.6
Note: Can be solvent welded to either pipe spigot or socket					
<b>Access door with test nipple</b>					
Standard oval access door with 1/4" test nipple for manometer connection.					
	110			50	6592/DVW*
*Fabricated item.					
<b>Thermal movement limiter</b>					
To support horizontal long run.					
	82			20	190.3
	110			5/15	190.4
	160			5	190.6
<b>Intermediate support bracket</b>					
To support horizontal pipework.					
	82			30	191.3
	110			20	191.4
	160			10	191.6
<b>Two piece pipe bracket</b>					
Galvanised steel.					
	82			10/40	140.3
	110			10/30	140.4
	160			5/25	140.6

## Soil Systems - 100 Solvent

	Size mm	Angle	Col	Pack/Box	Code
<b>One piece pipe bracket</b>					
	82		GBW	10/150	<b>143.3</b>
	110		GBW	10/80	<b>143.4</b>
<b>Adjustable pipe bracket plastic coated</b>					
	Self coloured backplate.				
	110		BW	1/30	<b>144.4</b>
<b>Weathering apron</b>					
	Makes weathertight cover between soil pipe and lead slate at roof level.				
	For lead slates.				
	82		GB	60	<b>131.3</b>
	110		GBW	5/90	<b>131.4</b>
	For asphalt upstand.				
	82		G	5/40	<b>131.3.200</b>
	110		G	30	<b>131.4.200</b>
<b>Weathering slates</b>					
	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	<b>149.16.00</b>
	For sloping roof (min 30°)				
	82 to 110		Alu/B	20	<b>149.18.22</b>
<b>Vent Cowl</b>					
	82		G	5/120	<b>150.3</b>
	110		GBW	5/180	<b>150.4</b>
	160		G	5/65	<b>150.6</b>
<b>Duct cowl</b>					
	Stops rainwater from entering ventilation ducts.				
	110		GB	14	<b>152.4</b>
	160		G	12	<b>152.6</b>
<b>Automatic air admittance valve</b>					
	Allows air to enter soil system, protecting water seals in traps from effects of negative pressure. A1 rated, manufactured to BS EN 12380				
	82		W	1/18	<b>153.3</b>
	110		W	1/18	<b>153.4</b>

## Soil Systems - 100 Solvent

	Size mm	Angle	Col	Pack/Box	Code
<b>Two part waste boss solvent socket</b>					
	32mm waste socket				
	110/32		G	5/200	<b>112.4.125</b>
	40mm waste socket				
	82/40		G	5/150	<b>112.3.15</b>
	110/40		G	5/150	<b>112.4.15</b>
	50mm waste socket				
	110/50		G	5/100	<b>112.4.2</b>
	160/50		G	5	<b>112.6.2</b>
<b>Socket plug</b>					
	For use with 117 boss horn				
	110		G	5/50	<b>130.4</b>
	160		G	5/35	<b>130.6</b>
<b>Self locking boss seal ring socket</b>					
	Installation guide is in the technical manual.				
	For 32mm waste pipe.				
	110/32		G	10/130	<b>122.4.125</b>
	For 40mm waste pipe				
	110/40		GB	10/100	<b>122.4.15</b>
<b>Single bossed pipe connector double socket</b>					
	32mm waste socket				
	110/32		GBW	5/30	<b>120.4.125</b>
	40mm waste socket				
	110/40		GBW	5/30	<b>120.4.15</b>
	50mm waste socket				
	110/50		GBW	5/30	<b>123.4*</b>
	*Requires 117 boss horn. For 50mm use 117.2				
<b>Single bossed pipe connector double socket</b>					
	Spigot outlet. For 40mm waste socket.				
	110/40		G	5/30	<b>120.412.15</b>
<b>Double bossed pipe connector double socket</b>					
	2 50mm waste sockets. 2 blanking plugs.				
	For 50mm waste pipes (40mm with adaptor).				
	82/50		G	5/30	<b>120.3.2</b>
	Insert plugs not sold separately.				
<b>Triple bossed pipe connector double socket</b>					
	For 40mm waste pipe. 1 blank plug. That reduces to 32mm socket.				
	110/40		G	5/25	<b>121.4.15</b>
	Insert plug not sold separately.				

## Soil Systems - 100 Solvent

Size mm	Angle	Col	Pack/Box	Code
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### Four way boss double socket

2 boss horns, 2 waste sockets.



110		GB	9	<b>120.4.2</b>
160		G	4	<b>120.6.2</b>

### Four way boss pipe solvent socket/spigot

2 boss horns, 2 waste sockets.



110		G	5/15	<b>120.412.2</b>
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## 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 20.



110		G	5	<b>119.412.15</b>
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### Reducer spigot/socket



110/50		GBW	5/60	<b>124.4.2</b>
110/82		GBW	5/60	<b>124.4.3</b>
160/110		G	5/45	<b>124.6.4</b>

### Straight boss adaptor ring seal socket

For 32mm waste pipe. For use on 58mm boss horn.



58/32		GBW	10/180	<b>117.125</b>
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For 40mm waste pipe. For use on 58mm boss horn.

58/40		GBW	5/160	<b>117.15</b>
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For 50mm waste pipe. For use on 58mm boss horn.

58/50		GBW	5	<b>117.2</b>
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Requires seal 9132, found on page 35.

### Boss adaptor bend solvent socket

For 40mm waste pipe. For use on 58mm boss horn.



58/40		GW	10/130	<b>117.15.90</b>
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For 50mm waste pipe. For use on 58mm boss horn.

58/50		GW	10/190	<b>117.2.90</b>
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58/50		G	10/120	<b>117.2.150</b>
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### Adaptor to underground drain

Push-fit into bore of underground pipe. External use only. Material EN681 rubber.



110/82		B	5/50	<b>4DW3</b>
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### Adaptor to cast iron spigot



82		G	5/30	<b>126.3.12</b>
110		G	5/15	<b>126.4.12</b>

Requires hot-works to use. Requires seal 9119.B on page 34.

## Soil Systems - 100 Solvent

Size mm	Angle	Col	Pack/Box	Code
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### Adaptor saddles

Used with 117 Waste Adaptors to enable direct connection of 32mm, 40mm and 50mm waste pipe to soil pipe.



110/40		G	5	<b>115P.4</b>
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### PVCu caulking bush

To connect soil pipe to sockets of other material.



110		G	5/15	<b>132.4</b>
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## Soil Systems - 100P Push-fit

Size mm	Angle	Col	Pack/Box	Code
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### Soil pipe single socket ended



82 (3m)		G	1/88	<b>100P.3.30</b>
82 (4m)		G	1/88	<b>100P.3.40</b>
110 (3m)		GB	2/67	<b>100P.4.30</b>
110 (4m)		G	2/67	<b>100P.4.40</b>
160 (3m)		G	1/33	<b>100P.6.30</b>
160 (4m)		G	1/33	<b>100P.6.40</b>

### Soil pipe plain ended



200 (4m)		G	1	<b>100.8.40</b>
250 (4m)		G	1	<b>100.10.40</b>

### Slip coupler double socket



110		G	5/40	<b>111.SP4</b>
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### Straight coupler double socket

With central stop.



82		G	10/30	<b>110P.3</b>
110		GB	5/40	<b>110P.4</b>
160		G	5	<b>110P.6</b>
200		G	68	<b>110P.8</b>
250		G	2	<b>110P.10</b>

### Pipe end socket spigot/socket



82		G	10/60	<b>111P.3</b>
110		GB	20	<b>111P.4</b>
160		G	5/15	<b>111P.6</b>

## Soil Systems - 100P Push-fit

	Size mm	Angle	Col	Pack/Box	Code
<b>Swept bend spigot/socket</b>					
	82	92½	♥	5/25	101P.3.92
	110	92½	♥	10	101P.4.92
	160	92½	♥	4	101P.6.92
	200	92½	♥	1/3	101P.8.92
	110	112½	♥	10	101P.4.112
	82	135	♥	5/40	107P.3.135
	110	135	♥	15	107P.4.135
	160	135	♥	8	107P.6.135
	200	135	♥	50	107P.8.135
	250	135	♥	2	107P.10.135

### Tight radius bend spigot/socket

	110	92½	♥	10	107P.4.92
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### UNIQUE

### 2 Part variable bend

	110	20-87½	♥	1/8	107P.4.VAR
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### Double socket bend

	110	92½	♥	5/15	101D.4.92
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### Single branch spigot outlet

With boss connections.  
2 boss horns.

	82	92½	♥	5/15	104P.3.92
5 boss horns.					
	110	92½	♥	8	104P.4.92
	160	92½	♥	4	104P.6.92
	110	112½	♥	5	104P.4.112

### Single unequal branch spigot outlet

5 boss horns.

	160/110	87½	♥	5	104P.64.92
No boss horns.					
	160/110	45	♥	4	104P.64.135
	200/110	135	♥	2	104P.84.135
	200/160	135	♥	2	104P.86.135
	250/160	135	♥	6	104P.106.135
	250/200	135	♥	1	104P.108.135

## Soil Systems - 100P Push-fit

	Size mm	Angle	Col	Pack/Box	Code
<b>Single equal branch plain</b>					
No boss connections.					
	200	92½	♥	1/2	104P.8.92
	82	135	♥	4/20	104P.3.135
	110	135	♥	6	104P.4.135
	160	135	♥	4	104P.6.135
	200	135	♥	20	104P.8.135
	250	135	♥	8	104P.10.135

### UNIQUE

### Corner boss branch

	110	92½	♥	1/6	106E.490.12
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### Corner branch spigot outlet

	110	92½	♥	2	106P.490.92
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### Single branch socket outlet

No boss connections.					
	110	135	♥	12	104E.4.135

### Branch socket outlet

3 boss horns.					
	110	92½	♥	9	104E.4.92

### UNIQUE

### Single equal branch variable boss

3 boss horns. 2 50mm waste sockets with blanking plugs. For 50mm waste pipes (40mm with adaptor).					
	110	92½	♥	4	104E.412.92

### Adjustable bend spigot outlet

	110		♥	G	5/25	107P.4.025
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## Soil Systems - 100P Push-fit

	Size mm	Angle	Col	Pack/Box	Code	
<b>Double equal branch spigot outlet</b>						
	4 boss connections.					
	110	92½	RA	G	2	106P.4.92
	No boss connections.					
	82	135		G	8	106P.3.135
	110	135		G	4	106P.4.135
<b>Access pipe and cover single socket</b>						
	82		♥	GB	10	139P.3
	110		♥	GB	10	139P.4
Access door aperture size: 172 x 130mm diameter – secured by 2 screws.						
	160		♥	G	1/5	139P.6
	200			G		139P.8
	250			G	16	139P.10
<b>Access bend single socket</b>						
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
	110	92½		G	10	103P.4.92
	160	92½		G	6	103P.6.92
<b>Access single equal branch single outlet</b>						
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
	110	92½	♥RA	G	4	105P.4.92
<b>Access door with test nipple</b>						
Standard oval access door with test nipple for manometer connection.						
	127			G	50	6592/DVW*
*Fabricated item.						
<b>Access Cap</b>						
	82		♥ RA	GB	5/40	136P.3
	110		RA	GB	24	136P.4
	160		RA	G	15	136P.6

## Soil Systems - 100P Push-fit

	Size mm	Angle	Col	Pack/Box	Code	
<b>Strap-on boss</b>						
For 32mm waste pipe.						
	110/32		RA	GB	10/100	112P.4.125
For 40mm waste pipe.						
	110/40		RA	GB	10/90	112P.4.15
For 50mm waste pipe.						
	110/50		RA	GB	10/80	112P.4.2
<b>Straight boss adaptors</b>						
For 32mm waste pipe. Use on 82, 110 & 160mm stacks.						
	82, 110, 160		♥	GBW	10/180	117.125
For 40mm waste pipe. Use on 82, 110 & 160mm stacks.						
	82, 110, 160		♥	GBW	5/160	117.15
For 50mm waste pipe. Use on 82, 110 & 160mm stacks.						
	82, 110, 160		♥	GBW	5	117.2
<b>Adaptor saddles</b>						
Used with 117 Waste Adaptors to enable direct connection of 32mm, 40mm and 50mm waste pipe to soil pipe.						
	110/40			G	5	115P.4
<b>Reducers</b>						
	82/50		♥ RA	G	5/85	124P.3.2
	110/50		RA	G	5/60	124P.4.2
	110/82		RA	G	5/30	124P.4.3
	160/110		♥ RA	G	5/15	124P.6.4
	200/110		RA	G	12	124P.8.4
	200/160		RA	G	96	124P.8.6
	250/110		RA	G	1	124P.10.4
	250/160		RA	G	85	124P.10.6
	250/200		RA	G	6	124P.10.8
<b>Short bossed pipe</b>						
With boss connection.						
	82		♥ RA	G	5/15	123P.3
	110		RA	GB	10	123P.4
<b>Three way bossed pipe</b>						
1 boss horn, 2 x 40mm waste bosses.						
	82			G	5	123P.312
<b>Four way boss pipe push-fit socket/spigot</b>						
2 boss horns. 2 waste sockets.						
	110		♥ RA	G	5/15	120P.412.2
	160			G	4	120P.612.2

## Soil Systems - 100P Push-fit

Size mm	Angle	Col	Pack/Box	Code
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### Triple boss collar



2 boss horns. 1 waste socket.  
110/40



GB

10/30

120P.4.15

### Socket Plug



With boss horn.

110



G

5/50

130.4

160



G

5/35

130.6

### 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 14.

110

G

5

119P.4.15

## Waste Systems - 200 Solvent

Size mm	Angle	Col	Pack/Box	Code
---------	-------	-----	----------	------

### Waste pipe



Plain ended.

32 (3m)



GW

5

200.125.30

32 (4m)



GBW

5

200.125.40

40 (3m)



GW

5

200.15.30

40 (4m)



GBW

5

200.15.40

50 (3m)



GW

5

200.2.30

50 (4m)



GBW

5

200.2.40

### Seal ring adaptor



To convert 50mm 207.2 spigot socket bends to expansion fitting.

50

GW

5/250

209.2

### Straight coupler double socket



32



GBW

10/350

210.125

40



GBW

10/240

210.15

50



GBW

10/120

210.2

### Union double socket



Threaded union for easy disconnection if required.

32



G

5/200

211.125

40



G

5/125

211.15

50



G

5/90

211.2

## Waste Systems - 200 Solvent

Size mm	Angle	Col	Pack/Box	Code
---------	-------	-----	----------	------

### Expansion coupler seal ring and solvent socket



Installation guide is in the technical manual.

32



GW

10/240

225.125

40



GW

10/180

225.15

50



GW

5/100

225.2

### Spigot/socket coupler



To create a close-coupled expansion joint for all MuPVC fittings.

32



GW

5/250

227.125

40



GW

5/180

227.15

50



G

5/100

227.2

### Swept bend double socket



91¼°, 135° and 165° as standard.

For 91¼° swept bend.

32

91¼



GBW

20/220

201.125.91

40

91¼



GBW

10/140

201.15.91

50

91¼



GBW

10/70

201.2.91

For 135° swept bend

32

135



GBW

10/280

201.125.135

40

135



GBW

10/200

201.15.135

50

135



GBW

10/100

201.2.135

For 165° swept bend

32

165



G

10/320

201.125.165

40

165



G

5/200

201.15.165

50

165



G

5/250

201.2.165

### Spigot/socket bends



To change pipe direction in limited-space situations: 92¼° and 150° as standard.

32

92¼



GBW

10/160

207.125.92

40

92¼



GBW

10/100

207.15.92

50

92¼



GW

5/50

207.2.92

32

135



GBW

10/300

207.125.135

40

135



GBW

10/180

207.15.135

50

135



GW

5/100

207.2.135

32

150



G

10/260

207.125.150

40

150



G

5/200

207.15.150

### Knuckle bend double socket



32

91¼



GBW

10/280

202.125.91

40

91¼



GBW

10/180

## Waste Systems - 200 Solvent

	Size mm	Angle	Col	Pack/Box	Code
<b>Swept tee all socket</b>					
91¼° and 135° as standard.					
	32	91¼	☑☑☑	GBW 10/120	<b>204.125.91</b>
	40	91¼	☑☑☑	GBW 10/90	<b>204.15.91</b>
	50	91¼	☑☑☑	GBW 5/45	<b>204.2.91</b>
	32	135	☑☑☑	GW 10/120	<b>204.125.135</b>
	40	135	☑☑☑	GW 5/80	<b>204.15.135</b>
	50	135	☑☑☑	GW 5/80	<b>204.2.135</b>

### 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	<b>223.15.125</b>
	50/32		☑☑☑	GW 10/190	<b>223.2.125</b>
	50/40		☑☑☑	GW 10/160	<b>223.2.15</b>

### Socket reducer

	40/32		☑☑	GBW 20/640	<b>224.15.125</b>
	50/32		☑☑	GBW 10/350	<b>224.2.125</b>
	50/40		☑☑	GBW 10/350	<b>224.2.15</b>

### Pipe fixing clip

	32		☑	GBW 20/800	<b>240.125</b>
	40		☑	GBW 20/700	<b>240.15</b>
	50		☑	GBW 20/400	<b>240.2</b>

### Expansion fitting fixing clip

To secure control thermal expansion at regular points along pipework.					
	32		☑	W 10/750	<b>242.125</b>
	40		☑	W 10/500	<b>242.15</b>
	50		☑	GW 10/300	<b>242.2</b>

### Access plug

	32		☑	GBW 10/350	<b>237.125</b>
	40		☑	GBW 10/320	<b>237.15</b>
	50		☑	GBW 10/170	<b>237.2</b>

### Weathering apron

To provide weathertight cover over lead slate around 50mm waste pipe penetrating roof.					
	50		☑	G 5/135	<b>231.2</b>

### Vent cowl

	50		☑	GW 5/300	<b>250.2</b>
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## Waste Systems - 200 Solvent

	Size mm	Angle	Col	Pack/Box	Code
<b>Automatic air admittance valve</b>					
Allows air into waste system when negative pressure occurs. Helps prevent syphonage of traps.					
	50		☑	W 10/200	<b>253.2</b>

### 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	<b>281.43</b>
	160/110		GT	12	<b>281.64</b>

### 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	<b>282.6</b>
	110 SS		Self	36	<b>283.6</b>

### Sealed gully raising piece and stainless steel cover

Two-part fitting to be set in standard-tiled floor (e.g. in shower areas). Comprises of raising piece with 150mm square top, and screw in cover.					
	110 PVC		GW	36	<b>284.6</b>

### Adaptor to underground drain pipe

Push-fit connection into pipes with nominal 100mm bore. External use only.					
	32/40/50		B	5/60	<b>4DW200</b>
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	<b>232</b>

### 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	<b>218.125</b>
	40/40		☑☑	W 10/250	<b>218.15</b>

## Waste Systems - 200 Solvent

Size mm	Angle	Col	Pack/Box	Code
<b>200 waste female iron</b>				
For solvent-weld connection of MuPVC waste pipe or fitting to BSP threaded male pipe or fitting.				
Socket and threaded socket				
32/32		G	10/270	<b>212.125</b>
40/40		G	10/200	<b>212.15</b>
50/50		G	5/140	<b>212.2</b>
Spigot and threaded socket				
32/32		G	5/225	<b>216.125</b>
40/40		G	5/190	<b>216.15</b>
50/50		G	5/200	<b>216.2</b>

### 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	<b>213.125</b>
40/40		GW	10/240	<b>213.15</b>
50/50		GW	5/140	<b>213.2</b>
Spigot and threaded spigot.				
32/32		G	5/300	<b>217.125</b>
40/40		G	5/240	<b>217.15</b>
50/50		GW	5/160	<b>217.2</b>

## Waste Systems - 300 Push-fit

Size mm	Angle	Col	Pack/Box	Code
<b>Waste pipe</b>				
Plain-ended.				
32 (3m)		W	10	<b>300.125.30</b>
40 (3m)		W	10	<b>300.15.30</b>

### Straight coupler double socket

32		W	10/350	<b>310.125</b>
40		W	10/300	<b>310.15</b>

### Swept bend double socket

91° and 135° as standard.				
For 91° swept bend.				
32	91°	W	10/240	<b>301.125.91</b>
40	91°	W	10/200	<b>301.15.91</b>

### Swept bend double socket

For 135° swept bend.				
32	135°	W	10/300	<b>301.125.135</b>
40	135°	W	10/280	<b>301.15.135</b>

## Waste Systems - 300 Push-fit

Size mm	Angle	Col	Pack/Box	Code
<b>Knuckle bend double socket</b>				
32	90°	W	10/160	<b>302.125.90</b>
40	90°	W	10/220	<b>302.15.90</b>

### Swivel elbow bend socket/spigot

32	90°	W	10/170	<b>307.125.90</b>
40	90°	W	10/110	<b>307.15.90</b>

### Swept tee

32	91°	W	10/160	<b>304.125.91</b>
40	91°	W	5/120	<b>304.15.91</b>

### Socket reducer

To reduce waste socket to accept smaller diameter waste pipe.				
40/32		W	10/400	<b>323.15.125</b>

### Pipe and fitting clip

32		W	20/800	<b>340.125</b>
40		W	20/600	<b>340.15</b>

### Access plug

32		W	10/500	<b>337.125</b>
40		W	10/500	<b>337.15</b>

### Tank connector

For connecting push-fit polypropylene pipe to water tank. Supplied with 2 sealing washers.				
32		W	10/150	<b>311.125</b>
40		W	10/300	<b>311.15</b>

### Compression reducer

40-38		W	100	<b>PS38</b>
				<b>PRD100</b>
32mm seal for PS38				<b>PRD101</b>
40mm seal for PS38				<b>PRD101</b>

## Waste Systems - 600 ABS Solvent

	Size mm	Angle	Col	Pack/Box	Code
<b>Waste pipe</b>					
	Plain ended.				
	32 (3m)		W	5	<b>600.125.30</b>
	40 (3m)		W	5	<b>600.15.30</b>
	50 (3m)		W	5	<b>600.2.30</b>

### Straight coupler double socket

	32		W	10	<b>610.125</b>
	40		W	10	<b>610.15</b>
	50		W	10	<b>610.2</b>

### Swept bend double socket

For 91¼° swept bend, 91.25°, 135° and 165° as standard.

	32	91¼	W	20/220	<b>601.125.91</b>
	40	91¼	W	10/140	<b>601.15.91</b>
	50	91¼	W	10/70	<b>601.2.91</b>

### Knuckle bend double socket

	32	91¼	W	10/280	<b>602.125.91</b>
	40	91¼	W	10/180	<b>602.15.91</b>

### Swept bend double socket

For 135° swept bend.

	32	135	W	10/280	<b>601.125.135</b>
	40	135	W	10/200	<b>601.15.135</b>
	50	135	W	10/100	<b>601.2.135</b>

### Spigot/socket bends

To change pipe direction in limited space situations.

	32	135	W	10/300	<b>607.125.135</b>
	40	135	W	10/180	<b>607.15.135</b>

### Expansion coupler seal ring and solvent socket

	32		W	10/250	<b>625.125</b>
	40		W	10/180	<b>625.15</b>
	50		W	5/100	<b>625.2</b>

## Waste Systems - 600 ABS Solvent

	Size mm	Angle	Col	Pack/Box	Code
<b>Access plug</b>					
	32		W	10/350	<b>637.125</b>
	40		W	10/320	<b>637.15</b>
	50		W	10/180	<b>637.2</b>

### Swept tee all socket

	32	91¼	W	10/120	<b>604.125.91</b>
	40	91¼	W	10/90	<b>604.15.91</b>
	50	91¼	W	5/45	<b>604.2.91</b>

### Junction

	32	135	W	10/120	<b>604.125.135</b>
	40	135	W	5/80	<b>604.15.135</b>
	50	135	W	5/80	<b>604.2.135</b>

### Swept cross all socket

	40	91¼	W	5/105	<b>606.15.91</b>
	50	91¼	W	5/55	<b>606.2.91</b>

### Socket reducer

	40/32		W	20/640	<b>624.15.125</b>
	50/32		W	10/350	<b>624.2.125</b>
	50/40		W	10/350	<b>624.2.15</b>

### 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	<b>617.125</b>
	40		W	5/220	<b>617.15</b>
	50		W	5/160	<b>617.2</b>

### 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	<b>612.125</b>
	40		W	10/200	<b>612.15</b>
	50		W	5/140	<b>612.2</b>

## Overflow - 500 Overflow

	Size mm	Angle	Col	Pack/Box	Code
<b>Waste pipe</b>					
	19 (4m)		W	20	500.75.40
<b>Straight coupler double socket</b>					
	19		W	50/1000	510.75
<b>Bend double socket</b>					
	19	91¼	Ⓜ	50/750	501.75.91
	19	135	Ⓜ	50/1100	501.75.135
<b>Branch</b>					
	19	91¼	Ⓜ	20/900	504.75.91
<b>Socket Reducer</b>					
	19/32		W	20/900	524.75
<b>Pipe fixing clip - plastic</b>					
	19		W	50/2500	540.75
<b>Straight tank connector</b>					
	To connect cistern/tank to overflow pipe.				
	19		W	10/250	511.75
<b>Bent tank connector 90°</b>					
	19		Ⓜ	10/200	502.75.90
<b>Female to PVCu connector</b>					
	To connect PVCu overflow pipe to threaded components. Solvent-weld socket to receive overflow pipe. Threaded socket to receive ¾" BSP male threaded pipe end.				
	19		W	10/750	512.75
<b>Reverse nut connector</b>					
	To connect PVCu overflow pipe to threaded components. Threaded loose nut to receive ¾" BSP male threaded pipe end.				
	19		W	20/300	519.75
<b>Tundish</b>					
	19		W	5/100	590.75

## Waste Traps - 400

	Size mm	Angle	Col	Pack/Box	Code
<b>Bottle trap</b>					
	75mm water seal.				
	32		♥	W	5/60
	40		♥	W	5/60
<b>Bottle trap anti-syphon</b>					
	75mm water seal.				
	32		♥Ⓜ	W	5/60
	40		♥Ⓜ	W	5/60
<b>Resealing bottle trap</b>					
	75mm water seal.				
	32		♥	W	5/60
	40		♥	W	5/60
<b>Bottle trap - adjustable telescopic</b>					
	75mm water seal.				
	32		♥Ⓜ	W	5/60
	40		♥Ⓜ	W	5/60
<b>Bottle trap anti-syphon - adjustable telescopic</b>					
	75mm water seal.				
	32		♥Ⓜ	W	5/60
	40		♥Ⓜ	W	5/60
<b>Resealing bottle trap - adjustable telescopic</b>					
	75mm water seal.				
	32		♥	W	5/60
	40		♥	W	5/60
<b>Tubular swivel P trap</b>					
	75mm water seal.				
	32			W	5/80
	40		♥	W	5/60
<b>Tubular swivel P trap - adjustable telescopic</b>					
	75mm water seal.				
	32		Ⓜ	W	5/80
	40		Ⓜ	W	5/60
<b>Tubular swivel P trap anti-syphon</b>					
	75mm water seal.				
	32		Ⓜ	W	5/80
	40		♥Ⓜ	W	5/60

## Waste Traps - 400

	Size mm	Angle	Col	Pack/Box	Code
<b>Tubular swivel P trap anti-syphon - adjustable telescopic</b>					
	75mm water seal.				
	32		W	5/60	431TAS.125
	40		W	5/60	431TAS.15
<b>P to S trap conversion bend</b>					
	To convert tubular P traps to S traps.				
	32		W	10/140	407.125.90
	40		W	5/250	407.15.90
<b>Tubular swivel S trap</b>					
	75mm water seal.				
	32		W	5/60	432.125
	40		W	5/40	432.15
<b>Running trap</b>					
	75mm water seal.				
	32		W	5/60	445.125
	40		W	5/50	445.15
<b>Running trap anti-syphon</b>					
	75mm water seal.				
	32		W	5/60	445AS.125
	40		W	5/50	445AS.15
<b>Washing machine half trap</b>					
	75mm water seal with adaptor.				
	40		W	5/40	433.15
<b>Washing machine half trap anti-syphon</b>					
	75mm water seal with adaptor.				
	40		W	5/40	433AS.15
<b>Washing machine trap with upstand</b>					
	75mm water seal with 0.6m upstand and 2 clips.				
	40		W	5/130	434.15
<b>Washing machine trap anti-syphon with upstand</b>					
	75mm water seal with 0.6 upstand and 2 clips.				
	40		W	5/10	434AS.15

## Waste Traps - 400

	Size mm	Angle	Col	Pack/Box	Code
<b>Bath trap</b>					
	20mm water seal.				
	40		W	5/80	455.15
<b>Low level bath trap</b>					
	38mm water seal.				
	40		W	5/30	457.15
<b>Shower Trap</b>					
	19mm water seal, 70mm grid.				
	40		W	5/60	482.15
	40		C/P	20/10	483.15
<b>Shower trap with 45° adjustable waste</b>					
	50mm water seal, 70mm grid.				
	40		W	5/50	484.15
	40		C/P	5/45	486.15
<b>Condensate trap</b>					
	40				
			W	1/30	420.15

## WC Pan Connectors - 490

	Size mm	Angle	Col	Pack/Box	Code
<b>Straight WC connector fin seal</b>					
	110		W	5/40	499P.4.00
<b>90° WC connector fin seal bend</b>					
	110	90	W	5/15	499P.4.90
<b>14° WC connector fin seal spigots</b>					
	110	14	W	5/35	499P.4.104
<b>40mm offset WC connector fin seal</b>					
	110		W	5/30	494P1.4.00
<b>12mm offset WC connector fin seal</b>					
	110		W	5/40	494P2.4.00

## WC Pan Connectors - 490

	Size mm	Angle	Col	Pack/Box	Code
<b>Swivel connector 0-30° fin seal</b>					
Adjustable 0-30°					
	110	0-30	W	5/20	498P.4.030
<b>Swan neck WC connector 90° fin seal</b>					
	110	90	W	5/15	496P.4.90
<b>Long 90° WC connector fin seal</b>					
225mm leg					
	110	90	W	5/10	491P.4.90
<b>90° WC connector with 32mm boss fin seal</b>					
	110	90	W	5/15	495P.4.90
<b>Extension 200mm</b>					
	110		W	5/25	493P.00
<b>WC manifold connectors fin seal spigot</b>					
When used in conjunction with a branch 104, up to seven WC pans can be connected either side of the soil stack.					
	110	5	W	6	499.4.05
	110	14	W	6	499.4.14
	110	24	W	5/10	499.4.24
	110	34	W	5/10	499.4.34
	110	9	W	1	S499.4.09
	110	18	W	1	S499.4.18
	110	29	W	1	S499.4.29
	110	*	W	1	S499.4.X
*Customer to specify angle on order					
<b>WC frame manifold bend connectors fin seal spigot</b>					
	110	5	B	5/10	497.35.05
	110	24	B	5/10	497.35.24
	110	34	B	5/10	497.35.34
	110	18	B	1/12	F497.35.18
	110	29	B	1/12	F497.35.29

## WC Pan Connectors - 490

	Size mm	Angle	Col	Pack/Box	Code
<b>WC connectors socket outlet</b>					
	110	2½	W	5/50	498.4.02
	110	90	W	5/25	498.4.90
<b>90° WC turned connector socket outlet</b>					
Adjustable, for connecting non BS 5503 WC pans to soil pipes					
	110	9½	W	5/20	492.4.5
<b>WC straight connector socket outlet</b>					
For connecting non BS 5503 WC pans to soil pipes					
	110		W	5/25	495.4.5

## Accessories

	Size mm	Angle	Col	Pack/Box	Code
<b>Firetrap Collar</b>					
An intumescent sleeve is designed to prevent the spread of fire and smoke where PVCu pipes penetrate a fire rated compartment wall or floor.					
	40		Red	5/50	1625.40R
	55		Red	5/50	1625.55R
	63		Red	5/25	1625.63R
	75		Red	5/10	1625.75R
	82		Red	5/10	1625.82R
	90		Red	5/10	1625.90R
	110		Red	5/10	1625.110R
	125		Red	5/10	1625.125R
	160		Red	5/10	1625.160R
<b>Note:</b> As a Firetrap product a different discount structure applies.					

## Toggle bolt

To clamp 112 and 115 Boss Connectors while solvent-welding.					
			Self	1/50	9115

## Accessories

Size mm	Angle	Col	Pack/Box	Code
<b>Packing piece</b>				
For use with 140 and 142 Pipe Brackets and 191 Intermediate Support Brackets.				
160		G	1/100	<b>9104.6</b>
Cut to size				



## Pipe marking template

Marking guide for Terrain Soil Systems, access and boss connection.				
110		Blue	1	<b>9105.500T</b>



## WC pan seal - soil

Material: EPDM Replacement seal for pan outlet diameter 951/4-121mm. For use on 102.4.5 and 125.4.5.				
110		B	1/100	<b>9124</b>



## HDPE WC pan connector fin seal

Adapts standard WC connectors to fit HDPE 110mm.				
110		B	150	<b>499P.4.908</b>



## 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	<b>9116.4</b>
Push-fit Soil (P) range				
160		B	1	<b>9116.6</b>
103/105/109/111/111.S/126/132/137		B	1	<b>9119.B</b>



## Accessories

Size mm	Angle	Col	Pack/Box	Code
<b>Spare seal ring - waste</b>				
Material: EPDM Suitable for: – 200 Waste System Fittings to accept pipe manufactured to BS 5255. – Use with boss adaptors (117)				
Acceptable for: – copper pipe to BS 659 and BS 2781.				
32		B	1	<b>9132.125</b>
40		B	1	<b>9132.15</b>
50		B	1	<b>9132.2</b>



## Spare manifold insert

Material: EPDM.				
40		B	1	<b>9113</b>



## Spare manifold plug

40		G	1	<b>9114</b>
----	--	---	---	-------------



## Spare access door

Spare door for 139.4, 139P.4, 138.4, 137.4, 105.4.92 & 105P.4.92				
110		G	1	<b>137.4.502</b>



## Cleaning fluid

Material: Acetone. For cleaning PVCu pipe and fittings before applying Liquid Weld. Screw top caps.				
250ml			10	<b>9101.250CF</b>



## Lubricant

Material: Silicone grease Soluble lubricant. For lubricating seal rings on expansion fittings.				
250ml	Tub (silicone)		10/40	<b>9136.250L</b>
500ml	Tub (soluble)		10/20	<b>9136.500L</b>



## UNIQUE

### Liquid weld

Low VOC solvent for solvent jointing of PVCu and ABS pipes and fittings. Cap incorporates integral brush.				
250ml		♥	24	<b>9100.250SW</b>
500ml		♥	12	<b>9100.500SW</b>



Index			Index			Index			Index			Index			Index		
Code	Colour	Page	Code	Colour	Page	Code	Colour	Page	Code	Colour	Page	Code	Colour	Page	Code	Colour	Page
<b>100 Solvent</b>			130.4	G	13	104P84.135	G	16	207.2.92	GW	21	PRD101	W	25	411T.15	W	29
100.3.30	GW	8	130.6	G	13	104P85.135	G	16	207.2.135	GW	21	P538	B	25	411T.125	W	29
100.3.40	GW	8	131.3.200	G	12	104P106.135	G	16	207.15.92	GBW	21	<b>600 ABS Solvent Waste</b>			421AS.15	W	29
100.4.30	GBW	8	131.3	GB	12	104P108.135	G	16	207.15.135	GBW	21	600.2.30	W	26	421AS.125	W	29
100.5.30	G	8	131.4.200	G	12	105P.3.92	G	18	207.15.150	G	21	600.15.30	W	26	431AS.15	W	29
100.6.40	G	8	131.4	GBW	8	105P.4.92	G	18	207.125.92	GBW	21	600.15.30	W	26	431AS.125	W	29
101.3.92	GW	8	132.4	G	15	106E.490.12	G	17	207.125.135	GBW	21	600.125.30	W	26	431T.15	W	29
101.3.135	GBW	8	135.3	G	11	106P.3.135	G	18	207.125.150	G	21	601.2.91	W	26	431T.125	W	29
101.4.025	G	9	135.4	GB	11	106P.4.135	G	18	209.2	GW	20	601.2.135	W	26	431TAS.15	W	30
101.4.92	GBW	8	136.3	GW	11	106P.490.92	G	18	210.125	GBW	20	601.15.91	W	26	431TAS.125	W	30
101.4.104	G	8	136.4	GBW	11	107P.3.135	G	16	210.15	GBW	20	601.15.135	W	26	433AS.15	W	30
101.4.112	GB	8	136.6	G	11	107P.4.025	G	16	210.2	GBW	20	601.125.91	W	26	434AS.15	W	30
101.4.135	GBW	8	137.3	GW	10	107P.4.92	G	16	211.25	G	20	601.125.135	W	26	445AS.15	W	30
101.6.92	G	8	137.4	GBW	10	107P.4.135	GB	16	211.2	G	20	602.125.91	W	26	445AS.125	W	30
101.6.135	G	8	138.4	GBW	10	107P.4.VAR	G	16	212.2	G	24	604.2.91	W	27	<b>490 WC Pan Connectors</b>		
103.4.92	GBW	11	138.6	G	10	107P.6.135	G	16	212.5	G	24	604.2.135	W	27	492.4.5	W	33
104.3.92	GW	9	139.4	GB	10	107P.8.135	G	16	212.125	G	24	604.15.91	W	27	495.4.5	W	33
104.3.135	G	9	139.6	G	10	107P.10.135	G	16	213.2	GW	24	604.15.135	W	27	497.35.05	B	32
104.4.92	GBW	9	140.3	Self	11	110P.3	G	15	213.15	GW	24	604.125.91	W	27	497.35.24	B	32
104.4.104	G	9	140.4	Self	11	110P.4	GB	15	213.125	GW	24	604.125.135	W	27	497.35.34	B	32
104.4.135	GBW	9	140.6	Self	11	110P.6	G	15	216.2	G	24	606.2.91	W	27	498.4.02	W	33
104.6.92	G	9	143.3	GBW	12	110P.8	G	15	216.15	G	24	606.15.91	W	27	498.4.90	W	33
104.6.135	G	9	143.4	GBW	12	110P.10	G	15	216.125	G	24	607.15.135	W	26	499.4.05	W	32
104.6.492	G	9	144.4	BW	12	111P.3	G	15	217.2	GW	24	607.125.135	W	26	499.4.14	W	32
104.6.4.135	G	9	149.16.00	Alu/B	12	111P.4	GB	15	217.5	G	24	610.2	W	26	499.4.24	W	32
104.104.92	GB	9	149.18.22	Alu/B	12	111P.6	G	15	217.125	G	24	610.15	W	26	499.4.34	W	32
104.412.92	G	9	150.3	G	12	112P.4.2	GB	19	218.15	W	23	610.125	W	26	491P.4.90	W	32
104.422.92	G	9	150.4	GBW	12	112P.4.15	GB	19	218.125	W	23	612.2	W	27	493P.00	W	32
105.4.92	G	11	150.6	G	12	112P.4.125	GB	19	223.2.15	GW	22	612.15	W	27	494P.1.400	W	31
106.3.92	G	10	152.4	GB	12	115P.4	G	15	223.2.125	GW	22	612.125	W	27	494P2.400	W	31
106.4.92	GW	10	152.6	G	12	119P.4.15	G	20	222.15.125	GW	22	617.2	W	27	495P.4.90	W	32
106.4.135	G	10	153.3	W	12	120P.412.2	G	19	224.2.15	GBW	22	617.15	W	27	496P.4.90	W	32
106.6.135	G	10	153.4	W	12	120P.612.2	G	19	224.2.125	GBW	22	617.125	W	27	498P.4.030	W	32
106.6.492	G	10	190.3	Self	11	120P.4.15	GB	20	224.15.125	GBW	22	624.2.15	W	27	499P.4.00	W	31
106.104.92	G	10	190.4	Self	11	123P.3	G	19	225.2	GW	21	624.2.125	W	27	499P.4.90	W	31
106.104.135	G	10	190.6	Self	11	123P.4	GB	19	225.15	GW	21	624.15.125	W	27	499P.4.104	W	31
106.490.12	G	10	191.3	Self	11	123P.312	G	19	225.125	GW	21	625.2	W	26	F497.35.18	B	32
106.490.22	G	10	191.4	Self	11	124P.3.2	G	19	227.2	G	21	625.15	W	26	F497.35.29	B	32
106.490.92	G	10	191.6	Self	11	124P.4.2	G	19	227.15	GW	21	625.125	W	26	S499.4.09	W	32
107.3.92	G	8	104AS.6.135	G	9	124P.4.3	G	19	227.125	GW	21	637.2	W	27	S499.4.18	W	32
107.4.025	G	8	115P.4	G	15	124P.6.4	G	19	231.2	G	22	637.15	W	27	S499.4.29	W	32
107.4.92	GBW	8	4DW3	G	14	124P.8.4	G	19	232	G	22	637.125	W	27	S499.4.X	W	32
107.4.135	GBW	8	6592/DWW	G	11	124P.8.6	G	19	237.2	GBW	22	<b>500 Overflow</b>			<b>Accessories</b>		
109.3	G	8	S105.6.135	G	11	124P.10.4	G	19	237.15	GBW	22	500.75.40	W	28	137.4.502	G	35
109.4	GBW	8	106.3.135	G	10	124P.10.6	G	19	237.125	GBW	22	501.75.91	W	28	1625.110R	Red	33
109.6	G	8	124P.10.8	G	19	136P.3	GB	18	240.2	GBW	22	501.75.135	W	28	1625.125R	Red	33
110.3	GW	8	136P.4	GB	18	136P.4	GB	18	240.15	GBW	22	502.75.90	W	28	1625.160R	Red	33
110.4	GBW	8	100.8.40	G	15	136P.6	G	18	242.2	GW	22	504.75.91	W	28	1625.40R	Red	33
110.6	G	8	100.10.40	G	15	136P.3	GB	18	242.15	W	22	510.75	W	28	1625.55R	Red	33
111.3	GW	8	111.SP4	G	15	138P.3	GB	18	242.15	W	22	517.75	W	28	1625.63R	Red	33
111.4	GBW	8	117.2	GBW	14	138P.4	GB	18	242.125	W	22	517.75	W	28	1625.75R	Red	33
111.6	G	8	117.15	GBW	14	138P.6	G	18	250.2	GW	22	517.75	W	28	1625.75R	Red	33
111.8.3	G	8	117.125	GBW	14	138P.8	G	18	253.2	W	23	519.75	W	28	1625.82R	Red	33
111.S.4	GB	8	100P.3.30	G	15	139P.10	G	18	281.43	G	23	524.75	W	28	1625.90R	Red	33
111.S.6	G	8	100P.4.30	GB	15	6592/DWW	G	11	281.64	GT	23	540.75	W	28	9100.250SW	35	
112.3.15	G	13	100P.4.30	G	15	282.6	GW	20	282.6	GW	23	590.75	W	28	9100.500SW	35	
112.4.2	G	13	100P.4.0	G	15	283.6	Self	20	286.6	Self	23	<b>400 Traps</b>			9101.250CF	35	
112.4.15	G	13	100P.6.30	G	15	200.125.30	GW	20	284.6	GW	23	407.15.90	W	30	9104.6	G	34
112.4.125	G	13	100P.6.40	G	15	200.125.40	GBW	20	40W200	B	23	407.125.90	W	30	9105.500T	Blue	34
112.6.2	G	13	101D.4.92	G	16	200.15.30	GW	20	<b>300 Push-fit</b>			411.15	W	30	9113	B	35
117.2.90	GW	14	101P.3.92	G	16	200.15.40	GBW	20	300.15.30	W	24	411.15	W	29	9114	G	35
117.2.150	G	14	101P.4.92	GB	16	200.2.30	GW	20	300.15.30	W	24	411.125	W	29	9115	Self	33
117.2	GBW	14	101P.4.112	G	16	200.2.40	GBW	20	300.125.30	W	24	415.15	W	29	9116.4	B	34
117.15.90	GW	14	101P.6.92	G	16	201.2.91	GBW	21	301.15.91	W	24	415.125	W	29	9116.6	B	34
117.15	GBW	14	101P.8.92	G	16	201.2.135	GBW	21	301.15.135	W	24	420.15	W	31	9119.8	B	34
117.125	GBW	14	103P.3.92	G	18	201.2.165	G	21	301.125.91	W	24	421.15	W	29	9124	B	34
119.412.15	G	13	103P.4.92	G	18	201.15.91	GBW	21	301.125.135	W	24	421.125	W	29	9132.2	B	35
120.3.2	G	13	103P.6.92	G	18	201.15.135	GBW	21	302.15.90	W	25	431.15	W	29	9132.15	B	35
120.4.2	GB	14	104E.4.92	G	17	201.15.165	G	21	302.125.90	W	25	431.125	W	29	9132.125	B	35



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## Terrain FUZE



### 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 52 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 61 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 50 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 42-44 for further details.



## 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](http://polypipe.com/terrain-fuze)

## Bathrooms

Size mm	Pack/Box	Code
---------	----------	------

### HDPE Bathroom Single Expansion

7 Bosses  
Bottom section, use with an access section (9411).

<b>NEW</b>	110/110/56	Ⓐ	1	<b>9401.11011056B</b>
<b>NEW</b>	160/110/56	Ⓐ	1	<b>9401.16011056B</b>

### HDPE Bathroom Single Locked

7 Bosses  
Bottom section, use with an access section (9411).

<b>NEW</b>	110/110/56	Ⓐ	1	<b>9402.11011056B</b>
<b>NEW</b>	160/110/56	Ⓐ	1	<b>9402.16011056B</b>

### HDPE Bathroom Double Expansion

6 Bosses  
Bottom section, use with an access section (9411).

<b>NEW</b>	110/110/56	Ⓐ	1	<b>9403.11011056B</b>
<b>NEW</b>	160/110/56	Ⓐ	1	<b>9403.16011056B</b>

### HDPE Bathroom Double Locked

6 Bosses  
Bottom section, use with an access section (9411).

<b>NEW</b>	110/110/56	Ⓐ	1	<b>9404.11011056B</b>
<b>NEW</b>	160/110/56	Ⓐ	1	<b>9404.16011056B</b>

### HDPE Bathroom Corner Expansion

7 Bosses  
Bottom section, use with an access section (9411).

<b>NEW</b>	110/110/56	Ⓐ	1	<b>9405.11011056B</b>
<b>NEW</b>	160/110/56	Ⓐ	1	<b>9405.16011056B</b>

### HDPE Bathroom Corner Locked

7 Bosses  
Bottom section, use with an access section (9411).

<b>NEW</b>	110/110/56	Ⓐ	1	<b>9406.11011056B</b>
<b>NEW</b>	160/110/56	Ⓐ	1	<b>9406.16011056B</b>

## Kitchens

Size mm	Pack/Box	Code
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### HDPE Kitchen Expansion

75mm = Single Branch, 110mm & 160mm = 4-Way Branch  
Bottom section, use with an access section (9411).

<b>NEW</b>	75/56	Ⓐ	1	<b>9407.7556B</b>
<b>NEW</b>	110/56	Ⓐ	1	<b>9407.11056B</b>
<b>NEW</b>	160/56	Ⓐ	1	<b>9407.16056B</b>

### HDPE Kitchen Locked

75mm = Single Branch, 110mm & 160mm = 4-Way Branch  
Bottom section, use with an access section (9411).

<b>NEW</b>	75/56	Ⓐ	1	<b>9408.7556B</b>
<b>NEW</b>	110/56	Ⓐ	1	<b>9408.11056B</b>
<b>NEW</b>	160/56	Ⓐ	1	<b>9408.16056B</b>

## Utilities

Size mm	Pack/Box	Code
---------	----------	------

### HDPE Utility Expansion

75mm = 2x Single Branch, 110mm & 160mm = 2x 4-Way Branch  
Bottom section, use with an access section (9411).

<b>NEW</b>	75/56	Ⓐ	1	<b>9409.7556B</b>
<b>NEW</b>	110/56	Ⓐ	1	<b>9409.11056B</b>
<b>NEW</b>	160/56	Ⓐ	1	<b>9409.16056B</b>

### HDPE Utility Locked

75mm = 2x Single Branch, 110mm & 160mm = 2x 4-Way Branch  
Bottom section, use with an access section (9411).

<b>NEW</b>	75/56	Ⓐ	1	<b>9410.7556B</b>
<b>NEW</b>	110/56	Ⓐ	1	<b>9410.11056B</b>
<b>NEW</b>	160/56	Ⓐ	1	<b>9410.16056B</b>

## No Connections

Size mm	Pack/Box	Code
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### HDPE No Connection

<b>NEW</b>	56	Ⓐ	1	<b>9411.56B</b>
<b>NEW</b>	75	Ⓐ	1	<b>9411.75B</b>
<b>NEW</b>	110	Ⓐ	1	<b>9411.110B</b>
<b>NEW</b>	160	Ⓐ	1	<b>9411.160B</b>

## Access Pipes

	Size mm	Pack/Box	Code
<b>HDPE Access Pipe</b>			
	Top section, use with a bathroom, kitchen or utility section (9401-9408) or within a vent stack.		
	<b>NEW</b> 56	1	<b>9412.56B</b>
	<b>NEW</b> 75	1	<b>9412.75B</b>
	<b>NEW</b> 110	1	<b>9412.110B</b>
	<b>NEW</b> 160	1	<b>9412.160B</b>

## Vents

	Size mm	Pack/Box	Code
<b>HDPE Terrain P.A.P.A. Horizontal</b>			
	For connecting to Terrain P.A.P.A. valve 9300.4 (see p64).		
	<b>NEW</b> 110/110	2	<b>9413.110110B</b>
	<b>NEW</b> 160/110	3	<b>9413.160110B</b>

### HDPE Terrain P.A.P.A. Vertical

	For connecting to Terrain P.A.P.A. valve 9300.4 (see p64).		
	<b>NEW</b> 110/110	2	<b>9414.110110B</b>
	<b>NEW</b> 160/110	3	<b>9414.160110B</b>

### HDPE Cross Vent Termination

	<b>NEW</b> 110/56	2	<b>9415.11056B</b>
	<b>NEW</b> 110/75	2	<b>9415.11075B</b>
	<b>NEW</b> 110/110	2	<b>9415.110110B</b>
	<b>NEW</b> 160/110	3	<b>9415.160110B</b>

### HDPE Cross Vent

	<b>NEW</b> 110/56	2	<b>9416.11056B</b>
	<b>NEW</b> 110/75	2	<b>9416.11075B</b>
	<b>NEW</b> 110/110	2	<b>9416.110110B</b>
	<b>NEW</b> 160/110	3	<b>9416.160110B</b>

## Pipes

	Size mm	Pack/Box	Code
<b>HDPE Pipe - 3 metre length</b>			
	40	50	<b>900.40.30B</b>
	50	50	<b>900.50.30B</b>
	56	40	<b>900.56.30B</b>
	75	30	<b>900.75.30B</b>
	110	15	<b>900.110.30B</b>
	160	10	<b>900.160.30B</b>
<b>HDPE Pipe - 5 metre length</b>			
	40	110	<b>900.40.50B</b>
	50	86	<b>900.50.50B</b>
	56	98	<b>900.56.50B</b>
	75	58	<b>900.75.50B</b>
	110	57	<b>900.110.50B</b>
	160	10	<b>900.160.50B</b>
	200	10	<b>900.200.50B</b>
	250	8	<b>900.250.50B</b>
	315	6	<b>900.315.50B</b>

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



## Electrofusion Couplings

	Size mm	Pack/Box	Code
<b>HDPE electrofusion couplings</b>			
	40	20	<b>910.40B</b>
	50	16	<b>910.50B</b>
	56	16	<b>910.56B</b>
	75	18	<b>910.75B</b>
	110	10	<b>910.110B</b>
	160	8	<b>910.160B</b>
	200	10	<b>910.200B</b>
	250	55	<b>910.250B</b>
	315	34	<b>910.315B</b>

## Ring Seal Couplings

Size mm		Pack/Box	Code
<b>HDPE ring seal socket</b>			
110		1	910P.110B
160		5	910P.160B
200		1	910P.200B
250		1	910P.250B
315		1	910P.315B

### HDPE ring seal socket

Installation guide is in the technical manual.

40		20	911.40B
50		30	911.50B
56		30	911.56B
75		20	911.75B
110		10	911.110B†
160		80	911.160B*
200		1	911.200B
250		1	911.250B*
315		8	911.315B*

†For Rigid pipe support \*without cap.

### HDPE ring seal adaptors with cap

Installation guide is in the technical manual.

40		130	927.40B
50		80	927.50B
56		80	927.56B
75		30	927.75B
110		20	927.110B
160		15	927.160B*
200		1	927.200B
250		1	927.250B*
315		1	927.315B*

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

### HDPE sliding connector

110		16	911S.110B
160		8	911S.160B
200		1	911S.200B
250		1	911S.250B
315		1	911S.315B

### HDPE female PVC adaptor with ring seal

110/100		10	925.110100B
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### HDPE male PVC adaptor with ring seal

110/100		15	9113.110100B
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## Ring Seal Couplings

Size mm		Pack/Box	Code
<b>UNIQUE HDPE - PVC ring seal adaptor</b>			
40 x 36		5	927.4036B
50 x 36		5	927.5036B
50 x 43		5	927.5043B
56 x 36		5	927.5636B
56 x 43		5	927.5643B

FUZE Size (mm) PVC, PP or ABS Size (mm)

927.4036B	40	32
927.5036B	50	32
927.5043B	50	40
927.5636B	56	32
927.5643B	56	40

## Rigid Fixings

Size mm	Pack/Box	Code
---------	----------	------

### HDPE rigid fixing

For joining HDPE to HDPE.

<b>NEW</b> 110	4	990.110B
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For joining HDPE to PVC.

<b>NEW</b> 110	4	990.4B
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## RECOMMENDED

## Mechanical Couplings

Size mm	Pack/Box	Code
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### HDPE mechanical coupling

For joining HDPE to EN877 HDPE.

110	12	9110.110B
160	8	9110.160B

For joining HDPE to BS416 Cast Iron.

110	12	9110.110C
160	8	9110.160C

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

## Bends

Size mm		Pack/Box	Code
---------	--	----------	------

### HDPE 92.5° (87.5°) bend

40		200	901.40.92B
50		100	901.50.92B
56		90	901.56.92B
75		40	901.75.92B
110		30	901.110.92B
160		90	901.160.92B

### HDPE 90° bend

Butt weld only.			
200		1	907.200.90B*
250		14	907.250.90B*
* 315		1	907.315.90B*

\*Wide radius, and welded.

### HDPE extended spigot bend

56		20	902.56.90B
110		10	902.110.90B

## Bends

Size mm	Pack/Box	Code
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### HDPE 112.5° (67.5°) bend

110	1	901.110.112B*
160	1	901.160.112B*
200	1	901.200.112B*
250	1	901.250.112B*
315	1	901.315.112B*



\*Welded

### HDPE 45° bend

40	5	901.40.135B
50	5	901.50.135B
56	120	901.56.135B
75	50	901.75.135B
110	24	901.110.135B
160	18	901.160.135B
200	32	901.200.135B*
250	1	901.250.135B*
315	10	901.315.135B*



\*Welded

### HDPE 150° (30°) bend

110	30	901.110.150B*
160	1	901.160.150B*
200	1	901.200.150B*
250	1	901.250.150B*
315	1	901.315.150B*



\*Welded

### HDPE 165° (15°) bend

110	30	901.110.165B*
160	1	901.160.165B*
200	1	901.200.165B*
250	1	901.250.165B*
315	1	901.315.165B*



\*Welded

## Branches

Size mm	Pack/Box	Code
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### HDPE 90° branch

40	100	904.40.90B
50	70	904.50.90B
56	40	904.56.90B
75	30	904.75.90B
110	20	904.110.90B
160	8	904.160.90B
200	1	904.200.90B*
250	1	904.250.90B*
315	1	904.315.90B*



\*Welded

## Branches

Size mm	Pack/Box	Code
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### HDPE 90° reducing branch

50/40	25	904.5040.90B
56/50	25	904.5650.90B
75/40	25	904.7540.90B
75/50	20	904.7550.90B
75/56	30	904.7556.90B
110/40	15	904.11040.90B
110/50	10	904.11050.90B
110/56	10	904.11056.90B
110/75	10	904.11075.90B
160/110	8	904.160110.90B
200/110	1	904.200110.90B*
200/160	1	904.200160.90B*
250/110	1	904.250110.90B*
250/160	1	904.250160.90B*
250/200	1	904.250200.90B*
315/110	1	904.315110.90B*
315/160	1	904.315160.90B*
315/200	1	904.315200.90B*
315/250	1	904.315250.90B*



\*Welded

### HDPE 45° Y branch

40	80	904.40.135B
50	50	904.50.135B
56	40	904.56.135B
75	20	904.75.135B
110	16	904.110.135B
160	45	904.160.135B
200	16	904.200.135B*
250	8	904.250.135B*
315	1	904.315.135B*



\*Welded

### HDPE 45° reducing Y branch

50/40	20	904.5040.135B
56/50	20	904.5650.135B
75/40	25	904.7540.135B
75/50	25	904.7550.135B
75/56	25	904.7556.135B
110/40	10	904.11040.135B
110/50	15	904.11050.135B
110/56	15	904.11056.135B
110/75	8	904.11075.135B
160/75	6	904.16075.135B
160/110	7	904.160110.135B
200/75	1	904.20075.135B*
200/110	1	904.200110.135B*
200/160	1	904.200160.135B*
250/110	10	904.250110.135B*
250/160	1	904.250160.135B*
250/200	1	904.250200.135B*
315/110	1	904.315110.135B*
315/160	1	904.315160.135B*
315/200	1	904.315200.135B*
315/250	1	904.315250.135B*



\*Welded

## Branches

	Size mm		Pack/Box	Code
<b>HDPE 60° double Y branch</b>				



50/40	☞	25	906.5040.60B
110/110	☞	10	906.110.60B

### HDPE 45° double branch



110/40	☞	10	906.11040.135B
110/50	☞	10	906.11050.135B
110/110	☞	8	906.110.135B

### HDPE 88° swept branch



56/56		40	904.56.92B
110/110	☞	18	904.110.92B

## 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
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\*Contact our Advantage team for further information on **01622 795200**

## UNIQUE

### HDPE 92.5° (87.5°) single boss branch



110/90	☞	120	904.11090.12B
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### HDPE 92.5° (87.5°) double branch



110	☞	6	906.110.92B
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### HDPE 90° 4 way branch



110/56	☞	8	920.110.56B
160/56		15	920.160.56B

## Branches

## UNIQUE

### HDPE 92.5° (87.5°) corner boss branch



110	☞	9	906.11090.12B
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### HDPE 92.5° (87.5°) corner boss branch



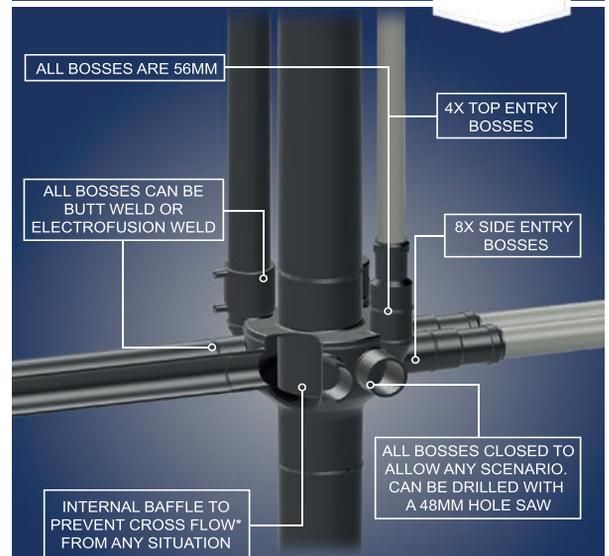
110	☞	12	906.11090.92B
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### HDPE 92.5° (87.5°) 3 way corner branch



110	☞	75	906.11093.92B
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## UNIQUE TERRAIN FUZE MANIFOLD



- PERFECT FOR USE WITH OUR POLYPIPE ADVANTAGE SERVICE
- LONG SPIGOT FOR EASE OF INSTALLATION
- IDEAL FOR LOW LEVEL INSTALLATIONS
- UNIQUE UK-STYLE FITTING

\*More design and installation considerations in Technical Bulletin Issue 7

## UNIQUE

## Manifolds

Size mm	Pack/Box	Code
<b>HDPE low level manifold</b>		
110/56	5	919.110.56B



## Weathering Aprons

Size mm	Pack/Box	Code
<b>HDPE weathering apron</b>		
NEW 110	13	931.110.200B



## Vent Cowl

Size mm	Pack/Box	Code
<b>HDPE vent cowl</b>		
NEW 75	5/120	950.75B
NEW 110	5/180	950.110B
NEW 160	5/65	950.160B



Prices shown are for one item excluding VAT

TERRAIN FUZE  
ACCESS PIPE

938.50.90B  
938.56.90B  
938.75.90B

50, 56 AND 75MM ALL ACCOMMODATE  
A 56MM OPENING AND DOOR

ONE SPARE DOOR FOR THESE  
PARTS - 9936.56B

FOR TESTING PLEASE USE CANVAS-STYLE TEST BAG

## Reducers

Size mm	Pack/Box	Code
<b>HDPE concentric reducer</b>		
50/40	50	924.5040B
56/50	150	924.5650B
75/40	50	924.7540B
75/50	50	924.7550B
75/56	50	924.7556B
110/40	30	924.11040B
110/50	30	924.11050B*
110/56	60	924.11056B*
110/75	30	924.11075B
160/110	1	924.160110B*
200/160	1	924.200160B†
<b>HDPE eccentric reducer</b>		
50/40	50	923.5040B
56/40	180	923.5640B*
56/50	30	923.5650B*
75/40	30	923.7540B
75/50	30	923.7550B
75/56	45	923.7556B*
110/40	25	923.11040B
110/50	25	923.11050B
110/56	25	923.11056B*
110/75	25	923.11075B*
160/110	10	923.160110B*
<b>HDPE long eccentric reducer</b>		
160/110	5	923.160110LB
200/110	8	923.200110LB
200/160	1	923.200160LB
250/200	1	923.250200LB
315/200	1	923.315200LB
315/250	1	923.315250LB

## Access

Size mm	Pack/Box	Code
<b>HDPE 90° access pipe with screw cap</b>		
50	40	938.50.90B
56	20	938.56.90B
75	30	938.75.90B
110	8	938.110.90B*
UNIQUE 160	54	938.160.90B*
200	1	938.200.90B
250	1	938.250.90B
315	1	938.315.90B

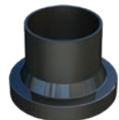



\*New unique bung design for improved flow.

## Ring Seal Couplings

	Size mm		Pack/Box	Code
<b>HDPE 45° access pipe with screw cap</b>				
	110/110		1	938.110.135B
	160/110		1	938.160.135B
<b>HDPE short end cap with seal</b>				
	110		10	9938.110B
<b>HDPE screwed end cap</b>				
	40		40	936.40B
	50		40	936.50B
	56		30	936.56B*
	75		30	936.75B
	110		20	936.110B*
	<b>NEW</b> 160		10	936.160B*
*Includes bung. *Note: cap can also be used for the 938.75.90B				
<b>HDPE end cap with seal</b>				
	56		10	9936.56B
	110		20	9936.110B*
*Includes bung.				
<b>HDPE short screwed cap</b>				
	Butt weld only.			
	110		15	935.110B
<b>HDPE threaded union</b>				
	50		50	9122.50B
	56		10	9122.56B
	75		15	9122.75B
	110		100	9122.110B
<b>HDPE nut</b>				
	50		10	9120.50B
	56		10	9120.56B
	75		10	9120.75B
	110		10	9120.110B
<b>HDPE threaded coupling</b>				
	40		40	912.40B
	50		40	912.50B
	56		25	912.56B
	56/63		25	912.5663B
	75		20	912.75B
	110		15	912.110B

## Blank Ends

	Size mm		Pack/Box	Code	
<b>HDPE blank end</b>					
Butt weld only					
	40		100	930.40B	
	50		250	930.50B	
	56		250	930.56B	
	75		30	930.75B	
	110		40	930.110B	
	160		20	930.160B	
	200		15	930.200B	
	250		1	930.250B	
	315		1	930.315B	
<b>HDPE long blank end</b>					
Butt weld or Electrofusion					
	<b>NEW</b> 40		120	930.40LB	
	<b>NEW</b> 50		90	930.50LB	
	<b>NEW</b> 56		60	930.56LB	
	<b>NEW</b> 75		30	930.75LB	
	<b>NEW</b> 110		36	930.110LB	
	<b>NEW</b> 160		16	930.160LB	
<b>HDPE flange adapter</b>					
	50		40	980.50B	
	56		1	980.56B	
	75		1	980.75B	
	110		20	980.110B	
	160		10	980.160B	
	200		4	980.200B	
	250		5	980.250B	
	315		6	980.315B	
	<b>Flange jointing set</b>				
	M16x90 (50-56 flange)		1(4pcs)	984.1650B	
	M16x100 (63-75 flange)		1(4pcs)	984.1663B	
	M16x110 (110-140 flange)		1(8pcs)	984.16110B	
	M20x110 (160 flange)		1(8pcs)	984.20160B	
	M20x130 (200-315 flange)		1(12pcs)	984.20250B	
<b>Rubber flange seal</b>					
	50		1	982.50B	
	56		1	982.56B	
	75		1	982.75B	
	110		1	982.110B	
	160		1	982.160B	
	200		30	982.200B	
	250		1	982.250B	
	315		1	982.315B	
	<b>Painted aluminium backing ring</b>				
		50		1	981.50B
56			1	981.56B	
75			1	981.75B	
110			1	981.110B	
160			1	981.160B	
200			5	981.200B	
250			1	981.250B	
315			1	981.315B	
<b>Painted aluminium blank flange</b>					
	50		1	983.50B	
	56		1	983.56B	
	75		1	983.75B	
	110		1	983.110B	
	160		1	983.160B	
	200		8	983.200B	
	250		1	983.250B	
	315		1	983.315B	

Utilities				
	Size mm		Pack/Box	Code
<b>HDPE WC pan connector - white</b>				
	110		10	925.110W
<b>HDPE straight WC pan connector with seal and cap</b>				
	90/100		10	999.90100.00B
<b>HDPE double WC pan connector with 1 lip seals and caps</b>				
	110/110	⌘	5	929.110.90DB
<b>HDPE bend for wall hung pan with 1 lip seal and cap, left</b>				
	110/110	⌘	5	949.110LB
	110/90		5	949.11090LB
<b>HDPE bend for wall hung pan with 1 lip seal and cap, right</b>				
	110/110	⌘	5	949.110RB
	110/90		5	949.11090RB
<b>HDPE WC pan connectors</b>				
	110/110	⌘	5	949.110DB
<b>HDPE connector for wall hung pan with seal &amp; white covering</b>				
	110/44		10	925.11044B
<b>HDPE WC bend for hanging pan with seal and cap</b>				
	110/110		10	999.110.90B
<b>HDPE trap with seal and cap</b>				
	110	⌘	5	9631.110.0B

Utilities				
	Size mm		Pack/Box	Code
<b>HDPE WC connector for PVC with ring seal</b>				
	100	⌘	10	925.100B
<b>HDPE universal trap, vertical inlet and horizontal outlet</b>				
	75	⌘	1	931.75B
	110	⌘	4	931.110B
<b>HDPE trap, vertical inlet and horizontal outlet</b>				
	40/40	⌘	30	931.4040B
	40/50	⌘	80	931.4050B
	40/56	⌘	10	931.4056B
	50/50	⌘	10	931.5050B
	50/56	⌘	10	931.5056B
<b>HDPE trap - vertical inlet and outlet</b>				
	40/40	⌘	50	932.4040B
	40/50	⌘	10	932.4050B
	40/56	⌘	10	932.4056B
	50/50	⌘	10	932.5050B
	50/56	⌘	10	932.5056B
<b>HDPE trap - horizontal inlet and outlet</b>				
	40/40	⌘	15	945.4040B
	40/50	⌘	10	945.4050B
	50/50	⌘	10	945.5050B

## Utilities

	Size mm	Pack/Box	Code
<b>HDPE fitting with nut - *brass *plastic</b>			
	40mm/1/4"	50	918.40.125BN*
	40mm/1/2"	50	918.40.15BN*
	50mm/1/4"	40	918.50.125BN*
	50mm/1/2"	40	918.50.15BN*
	40mm/1/4"	40	918.40.125PN*
	40mm/1/2"	40	918.40.15PN*
	50mm/1/4"	30	918.50.125PN*
	50mm/1/2"	80	918.50.15PN*

	Size mm	Pack/Box	Code
<b>HDPE extended fitting with nut - *brass *plastic</b>			
	40mm/1/4"	20	918.40.125EB*
	40mm/1/2"	20	918.40.15EBN*
	50mm/1/4"	20	918.50.125EBN*
	50mm/1/2"	20	918.50.15EBN*
	40mm/1/4"	20	918.40.125EPN*
	40mm/1/2"	20	918.40.15EPN*
	50mm/1/4"	20	918.50.125EPN*
	50mm/1/2"	20	918.50.15EPN*

	Size mm	Pack/Box	Code
<b>HDPE female iron</b>			
	40mm x 1/2"	40	916.40.05B
	40mm x 3/4"	20	916.40.075B
	40mm x 1"	20	916.40.1B
	50mm x 1/2"	20	916.50.05B
	50mm x 3/4"	20	916.50.075B
	50mm x 1"	20	916.50.1B
	50mm x 1 1/4"	30	916.50.125B
	50mm x 1 1/2"	50	916.50.15B
	56mm x 2"	50	916.56.2B
75mm x 2 1/2"	5	916.75.25B	

	Size mm	Pack/Box	Code
<b>HDPE male iron</b>			
	50mm x 1 1/4"	10	917.50.125B
	50mm x 1 1/2"	50	917.50.15B
	56mm x 2"	100	917.56.2B
	75mm x 2 1/2"	5	917.75.25B

	Size mm	Pack/Box	Code
<b>HDPE threaded fitting with brass nipple</b>			
	40mm/2" x 15	40	936.40.05NB
	40mm/2" x 18	10	936.40.075NB
	50mm/2" x 15	5	936.50.05NB
	50mm/2" x 18	5	936.50.075NB
	50mm/1" x 22	5	936.50.1NB

	Size mm	Pack/Box	Code
<b>HDPE bend with nut - *brass *plastic</b>			
	40mm/1/4"	20	918.40.125.90BN*
	40mm/1/2"	20	918.40.15.90BN*
	40mm/1/2"	20	918.40.15.90PN*

	Size mm	Pack/Box	Code
<b>HDPE reducing bend with nut - *brass *plastic</b>			
	40/50mm/1/4"	20	918.4050.125.90BN*
	40/50mm/1/2"	25	918.4050.15.90BN*
	40/50mm/1/4"	20	918.4050.125.90PN*
	40/50mm/1/2"	20	918.4050.15.90PN*

## Utilities

	Size mm	Pack/Box	Code
<b>HDPE sleeve</b>			
	40/46	50	917.4046B
	50/46	50	917.5046B
	50/58	50	917.5058B
	56/46	50	917.5646B
	56/58	50	917.5658B

	Size mm	Pack/Box	Code
<b>HDPE gasket</b>			
	46/24-32	150	917.4624.908B
	46/36-40	150	917.4636.908B
	58/36-40	100	917.5836.908B
	58/47-50	100	917.5847.908B

	Size mm	Pack/Box	Code
<b>HDPE spigot bend with cap</b>			
	40/46	40	917.4046.90B
	50/46	40	917.5046.90B
	50/58	20	917.5058.90B
	56/46	20	917.5646.90B
	56/58	20	917.5658.90B

## Spares

	Size mm	Pack/Box	Code
<b>HDPE protective cap for socket</b>			
	40	40	9130.40B
	50	150	9130.50B
	56	160	9130.56B
	75	30	9130.75B
	110	60	9130.110B
	160	10	9130.160B
	200	5	9130.200B

	Size mm	Pack/Box	Code
<b>HDPE ring</b>			
Suitable for 912 HDPE threaded coupling.			
	50	10	9118.50B
	56	10	9118.56B
	75	10	9118.75B
	110	10	9118.110B

	Size mm	Pack/Box	Code
<b>HDPE ring seal</b>			
Suitable for 912 HDPE threaded coupling.			
	50	10	9119.50B
	56	50	9119.56B
	75	10	9119.75B
	110	20	9119.110B

	Size mm	Pack/Box	Code
<b>HDPE 1 lip seal for sockets</b>			
Suitable for 927 HDPE ring seal adaptors.			
	100	20	927.100.908B
	110	20	927.110.908B
	160	20	927.160.908B
	200	20	927.200.908B
	250	1	927.250.908B
	315	1	927.315.908B

## Spares

Size mm	Pack/Box	Code
<b>HDPE O ring for adaptors - PVC</b>		
Suitable for 9113.110100B PVC adaptor.		
100	20	9113.908B
<b>HDPE O ring for sockets</b>		
40	20	9116.40B
50	20	9116.50B
75	20	9116.75B
110	20	9116.110B
160	20	9116.160B

## HDPE seal for expansion sockets

Suitable for 911 HDPE expansion joint.

40	20	911.40.908B
50	20	911.50.908B
56	20	911.56.908B
75	20	911.75.908B
110	50	911.110.908B
160	10	911.160.908B
200	10	911.200.908B

## Firetraps

Size mm	Pack/Box	Code
<b>Firetrap Sleeve</b>		
17 x 300	20	1925.17
21 x 300	20	1925.21
27 x 300	18	1925.27
34 x 300	18	1925.34
42 x 300	12	1925.42
48 x 300	8	1925.48
54 x 300	8	1925.54
60 x 300	8	1925.60†
67 x 300	16	1925.67
76 x 300	6	1925.76
89 x 300	12	1925.89
102 x 300	12	1925.102
108 x 300	9	1925.108
114 x 300	9	1925.114†
127 x 300	6	1925.127
134 x 300	6	1925.134
140 x 300	6	1925.140
159 x 300	6	1925.159
169 x 300	4	1925.169†

†Held in stock by Polypipe.

**Note:** As a Firetrap product a different discount structure applies.

## Firetraps

Size mm	Pack/Box	Code
<b>Firetrap Collar</b>		
40	5/50	1625.40R
55	5/50	1625.55R
63	5/25	1625.63R
75	5/40	1625.75R
82	5/40	1625.82R
90	5/10	1625.90R
110	5/40	1625.110R
125	5/10	1625.125R
160	5/20	1625.160R

**Note:** As a Firetrap product a different discount structure applies.

## Anchors and brackets

Size mm	Pack/Box	Code
<b>Anchor / Guide Bracket</b>		
Guide bracket performs as an anchor with removal of the plastic clips. For larger diameter we recommend M16 brackets.		
40mm x M10	50	9140.40B
50mm x M10	50	9140.50B
56mm x M10	50	9140.56B
75mm x M10	25	9140.75B
110mm x M10	25	9140.110B
160mm x M10	25	9140.160B
200mm x M10	25	9140.200B
250mm x M10	10	9140.250B
315mm x M10	10	9140.315B

### RECOMMENDED

### M16 bracket

200mm x M16	15	9149.200B
250mm x M16	2	9149.250B
315mm x M16	2	9149.315B

### Acoustic pipe bracket

110	15	9140.110R
160	1	9140.160R

### Mounting plate

M10	100	9148.10B
G1"	25	9148.25B

## Anchors and brackets

Size mm	Pack/Box	Code
<b>Rubber flat seal</b>		
40mm x ¼"	10	918.40.908B
40mm x ½"	10	918.40.918B
<b>Threaded bar</b>		
M10 x 1 metre	1	9147B
M16 x 1 metre	1	9149B
<b>Rubber insert strip</b>		
For acoustic brackets 40mm x 10m	2	9104.40B
<b>Anti vibration insert</b>		
For acoustic brackets 30mm x 30 (58mm-314mm)	1	9105.30B

## 2 IN 1 BRACKET, WORKS AS A GUIDE OR ANCHOR

- MULTI-FUNCTIONAL PRODUCT TO STORE LESS PRODUCT, RESULTING IN LARGE REDUCTION OF SKU.
- INSTALL WITH OUR NEW FIXING BACK PLATE (9148, 109), CHANGED TO A RECTANGULAR SHAPE, FOR EASY INSTALLATION.
- FOR LARGER DIAMETER SIZES, WE RECOMMEND M16 BRACKETS (9149)



## Electrofusion Machines

Description	Quantity	Product Code
<b>FUZE electrofusion welding machine 40-315mm</b>		
40 to 315mm	1	9000.40315.110V*
Note: A different discount structure applies to the electrofusion welding machine.		
<b>Replacement leads</b>		
40 - 160mm (Yellow)	1	AW00-2003
200 - 315mm (Blue)	1	AW00-2004
<b>HDPE pipe scraper</b>		
	10	9507T
<b>Pipe cutter</b>		
40 to 63mm	1	9500.663T
50 to 140mm	1	9500.50140T
100 to 160mm	1	9500.100160T
180 to 315mm	1	9500.180315T
<b>HDPE pencils</b>		
	1 (12Pcs.)	9508T
<b>HDPE knife</b>		
	1 (12Pcs.)	9504T
<b>Bevelling tool</b>		
40 to 250mm	1	9502.40250T
32 to 160mm	1	9502.32160T

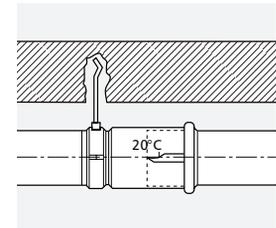
\*For hiring details, please call local TSM.

## Universal Electrofusion Machine Spares

Description	Cables	Product Code
40 - 160mm	Yellow	HDC464334
200 - 315mm	Blue	HDC464335

## 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.

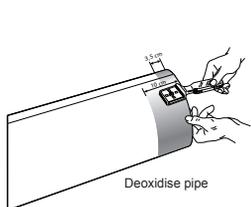
The electrical resistance wires will not corrode as they are protected by HDPE after welding.



Pipe scraper



Terrain FUZE Box

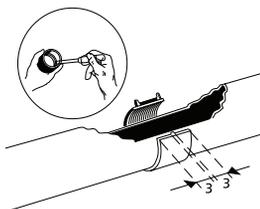


Deoxidise pipe

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	Pk Qty	Page
<b>HDPE Slax</b>		
9401.1101056B	1	42
9401.16011056B	1	42
9402.11011056B	1	42
9402.16011056B	1	42
9403.11011056B	1	42
9403.16011056B	1	42
9404.11011056B	1	42
9404.16011056B	1	42
9405.11011056B	1	42
9405.16011056B	1	42
9406.11011056B	1	42
9406.16011056B	1	42
9407.7556B	1	43
9407.11056B	1	43
9407.16056B	1	43
9408.7556B	1	43
9408.11056B	1	43
9408.16056B	1	43
9409.7556B	1	43
9409.11056B	1	43
9409.16056B	1	43
9410.7556B	1	43
9410.11056B	1	43
9410.16056B	1	43
9411.56B	1	43
9411.75B	1	43
9411.110B	1	43
9411.160B	1	43
9412.56B	1	44
9412.75B	1	44
9412.110B	1	44
9412.160B	1	44
9413.110110B	2	44
9413.160110B	3	44
9414.110110B	2	44
9414.160110B	2	44
9415.11056B	2	44
9415.11075B	2	44
9415.110110B	2	44
9415.160110B	3	44
9416.11056B	2	44
9416.11075B	2	44
9416.110110B	2	44
9416.160110B	3	44
9417.110110B	1	49
9417.160110B	1	49
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9418.160110B	1	49
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9420.110110B	1	49
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9421.110110B	1	49
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9423.110110B	1	49
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9424.110110B	1	49
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9425.110110B	1	49
9425.160110B	1	49
9426.110110B	1	49
9426.160110B	1	49
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9434.110110B	1	49
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9435.110110B	1	49
9435.160110B	1	49
9436.110110B	1	49
9436.160110B	1	49
9437.110110B	1	49
9437.160110B	1	49
9438.110110B	1	49
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9445.110110B	1	49
9445.160110B	1	49
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9450.110110B	1	49
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9452.110110B	1	49
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9529.160110B	1	49
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9530.160110B	1	49
9531.110110B	1	49
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9532.160110B	1	49
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9534.110110B	1	49
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9535.110110B	1	49
9535.160110B	1	49
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9547.110110B	1	49
9547.160110B	1	49
9548.110110B	1	49
9548.160110B	1	49
9549.110110B	1	49
9549.160110B	1	49
9550.110110B	1	49
9550.160110B	1	49

Index		
Code	Pk Qty	Page
9		

Index			Index			Index		
Code	Pk Qty	Page	Code	Pk Qty	Page	Code	Pk Qty	Page
924.550B	150	52	981.55B	1	55	9148.10B	100	61
924.750B	50	52	981.75B	1	55	9148.25B	25	61
924.750B	50	52	982.110B	1	55	9149.200B	15	61
924.756B	50	52	982.160B	1	55	9149.250B	2	61
925.100B	10	57	982.200B	30	55	9149.315B	2	61
925.110100B	10	46	982.250B	1	55	9631.110.0B	5	56
925.11044B	10	56	982.315B	1	55	9636.110B	20	54
925.1104	10	56	982.30B	1	55	9636.50B	10	54
927.10.900B	20	59	982.350B	1	55	9638.110B	10	54
927.110.900B	20	59	982.75B	1	55	910P.110B	1	46
927.160.900B	20	59	983.110B	1	55	910P.160B	5	46
927.200.900B	20	59	983.160B	1	55	910P.200B	1	46
927.250.900B	1	59	983.200B	8	55	910P.250B	1	46
927.315.900B	1	59	983.250B	1	55	910P.315B	1	46
927.110B	20	46	983.315B	1	55	911S.110B	16	46
927.160B	15	46	983.30B	1	55	911S.160B	8	46
927.200B	1	46	983.56B	1	55	911S.200B	1	46
927.250B	1	46	983.75B	1	55	911S.250B	1	46
927.315B	1	46	984.16110B	1	55	911S.315B	1	46
927.4036B	5	47	984.1650B	1(8pcs)	55	9147B	1	62
927.40B	130	46	984.1653B	1(4pcs)	55	9149B	1	62
927.5536B	47	47	984.20.160B	1(8pcs)	55	930.40LB	40	55
927.5943B	5	47	984.2525B	1(12pcs)	55	930S.50LB	50	55
927.50B	80	46	999.110.900B	10	56	930.56LB	56	55
927.5636B	5	47	1625.110R	5	61	930.75LB	75	55
927.5636B	5	47	1625.125R	5	61	930.110LB	110	55
927.56B	80	46	1625.160R	5	61	930.160LB	160	55
927.75B	30	46	1625.40R	5	61	999.90100.00B	10	56
928.110.900B	5	56	1625.55R	5	61	990.110B	4	47
930.110B	40	55	1625.60R	6	61	990.4B	4	47
930.160B	20	55	1625.75R	5	61	911.110.200B	13	52
930.200B	15	55	1625.82R	5	61	950.75B	5/120	52
930.250B	1	55	1625.90R	5	61	950.110B	5/180	52
930.315B	1	55	1925.60	8	60	950.160B	5/65	52
930.40B	100	55	1925.140	6	60			
930.50B	250	55	1925.17	20	60			
930.56B	250	55	1925.21	20	60			
930.75B	30	55	1925.27	18	60			
931.110B	4	57	1925.34	18	60			
931.4040B	30	57	1925.42	12	60			
931.4050B	80	57	1925.48	8	60			
931.4056B	10	57	1925.54	8	60			
931.5030B	10	57	1925.67	16	60			
931.5036B	10	57	1925.76	60	60			
931.75B	1	57	1925.89	12	60			
932.4040B	50	57	1925.102	12	60			
932.4050B	10	57	1925.108	9	60			
932.4056B	10	57	1925.114	9	60			
932.5050B	10	57	1925.127	6	60			
932.5056B	10	57	1925.134	6	60			
935.110B	15	54	1925.159	60	60			
936.40.050NB	40	58	1925.169	4	60			
936.40.075NB	10	58	9104.40B	2	62			
936.50.050NB	5	58	9105.30B	1	62			
936.50.075NB	5	58	9110.110B	12	47			
936.50.110NB	5	58	9110.110C	12	47			
936.110B	20	54	9110.160B	8	47			
936.160B	10	54	9110.190C	8	47			
936.40B	40	54	9113.110100B	15	46			
936.50B	40	54	9113.906B	20	60			
936.56B	30	54	9116.110B	20	60			
936.75B	30	54	9116.160B	20	60			
938.50.90B	40	53	9116.40B	20	60			
938.50.90B	20	53	9116.50B	20	60			
938.75.90B	30	53	9116.75B	20	60			
938.110.135B	1	54	9118.110B	10	59			
938.110.90B	8	53	9118.50B	10	59			
938.160.135B	1	54	9118.56B	10	59			
938.160.90B	54	53	9118.75B	10	59			
938.200.90B	1	53	9119.110B	20	59			
938.250.90B	1	53	9119.50B	10	59			
938.315.90B	1	53	9120.200B	5	54			
945.4040B	15	57	9122.110B	100	54			
945.4050B	10	57	9122.50B	50	54			
945.5050B	10	57	9122.56B	10	54			
949.11090LB	5	56	9122.75B	15	54			
949.11090RB	5	56	9130.110B	60	59			
949.1100B	5	56	9130.160B	10	59			
949.110LB	5	56	9130.200B	59	5			
949.110RB	5	56	9130.40B	40	59			
980.110B	20	55	9130.50B	150	59			
980.160B	10	55	9130.56B	160	59			
980.200B	4	55	9130.75B	30	59			
980.250B	5	55	9140.110B	25	61			
980.315B	6	55	9140.110R	15	61			
980.30B	40	55	9140.160B	25	61			
980.56B	1	55	9140.160R	1	61			
980.75B	1	55	9140.200B	25	61			
981.110B	1	55	9140.250B	10	61			
981.160B	1	55	9140.315B	10	61			
981.200B	5	55	9140.40B	50	61			
981.250B	1	55	9140.50B	50	61			
981.315B	1	55	9140.56B	60	61			
981.50B	1	55	9140.75B	25	61			

- 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.® and Pleura Vent System

## 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
<b>Terrain P.A.P.A. Valve</b>			
	75-110	1	9300.4
<b>Terrain Pleura 100 Valve</b>			
	75-110	1	9301.34
<b>Terrain Pleura 50 Valve</b>			
	32-63	1	9301.253
<b>Maxi Filtra Valve</b>			
	75-110	1	9302.34

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Innovation driven  
by experience.

# THIS IS OUR TERRAIN

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

Explore our innovative solutions:  
[polypipe.com/this-is-our-terrain](http://polypipe.com/this-is-our-terrain)

Part of the  GENUIT  
GROUP

 **Polypipe**  
Building Services



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

Designed to meet your specific project needs, Terrain Q is a simple, reliable alternative to other traditional noise reducing drainage systems. Its multi-layer noise reducing system also provides increased fire retardancy, with a fire classification of B-s1, d0\*, crucial for today's:

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

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

## Terrain Q Benefits

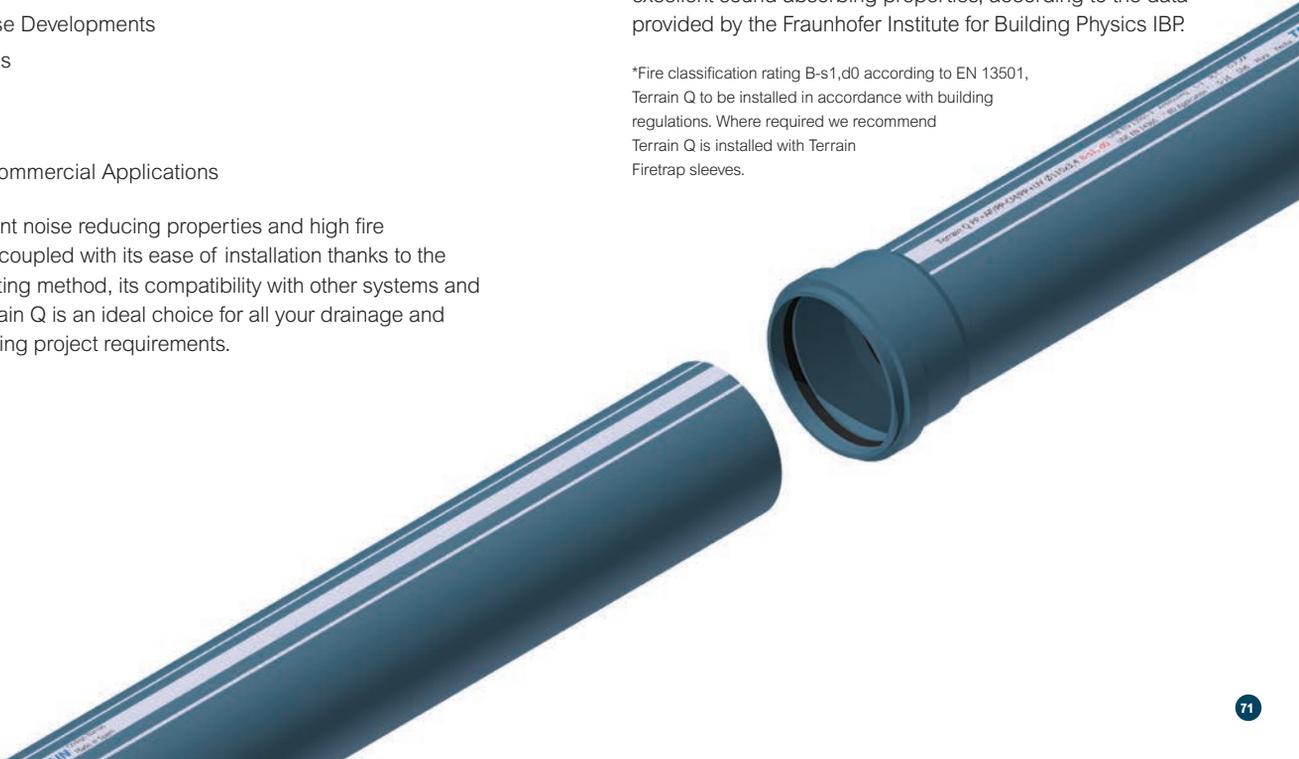
- Low Noise Transmission
- Fire Classification B-s1, d0
- Chemical Resistance
- Anti- Fouling
- Increased Mechanical Strength
- Push-Fit Jointing
- UV Protection
- Abrasion Resistance
- Easy Handling

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

## Advanced Technology and Performance

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

\*Fire classification rating B-s1,d0 according to EN 13501, Terrain Q to be installed in accordance with building regulations. Where required we recommend Terrain Q is installed with Terrain Firetrap sleeves.



## Pipes

	Size mm	Pack/Box	Code
	<b>Single socket pipe</b>		
	40 (3m)	30	700P.40.30B
	50 (3m)	30	700P.50.30B
	75 (3m)	30	700P.75.30B
	110 (3m)	15	700P.110.30B
	160 (3m)	10	700P.160.30B
	200 (3m)	10	700P.200.30B

## Fittings

	Size mm	Pack/Box	Code
	<b>Bend 15°</b>		
	110	12	707P.110.165B
	<b>Bend 30°</b>		
	110	30	707P.110.150B
	<b>Bend 45°</b>		
	40	50	707P.40.135B
	50	70	707P.50.135B
	75	16	707P.75.135B
	110	16	707P.110.135B
	160	6	707P.160.135B
200	2	707P.200.135B	
	<b>Bend 87°</b>		
	40	110	707P.40.92B
	50	70	707P.50.92B
	75	20	707P.75.92B
	110	20	707P.110.92B
	160	3	707P.160.92B
200	1	707P.200.92B	
	<b>Double Socket Bend 45°</b>		
	110	16	701P.110.135B
	<b>Double Socket Bend 87°</b>		
	110	20	701P.110.92B

## Fittings

	Size mm	Pack/Box	Code
	<b>Branch 45°</b>		
	40	25	704P.40.135B
	50	30	704P.50.135B
	75	15	704P.75.135B
	110	10	704P.110.135B
	160	3	704P.160.135B
200	1	704P.200.135B	
	<b>Branch 87°</b>		
	40	30	704P.40.92B
	50	40	704P.50.92B
	75	15	704P.75.92B
	110	12	704P.110.92B
	160	3	704P.160.92B
200	1	704P.200.92B	
	<b>Reducing branch 45°</b>		
	50/40	20	704P.5040.135B
	75/50	20	704P.7550.135B
	110/50	20	704P.11050.135B
	110/75	10	704P.11075.135B
	160/110	3	704P.160110.135B
200/160	1	704P.200160.135B	
	<b>Reducing branch 87°</b>		
	110/50	20	704P.11050.92B
	110/75	10	704P.11075.92B
160/110	3	704P.160110.92B	
	<b>Fully socketed branch 45°</b>		
	110	10	704E.110.135B
	<b>Double branch 45°</b>		
	110	2	706P.110.135B
	<b>Double branch 87°</b>		
	110	2	706P.110.90B
	<b>Eccentric reducer</b>		
	50/40	50	723P.5040B
	75/50	20	723P.7550B
	110/50	24	723P.11050B
	110/75	20	723P.11075B
	160/110	24	723P.160110B
200/160	5	723P.200160B	

## Fittings

	Size mm	Pack/Box	Code
<b>Short Eccentric Reducer</b>			
	75/50	30	724P.7550B
	110/50	30	724P.11050B
	110/75	30	724P.11075B
<b>Double depth socket</b>			
	50	30	711P.50B
	110	12	711P.110B
<b>Slip coupler</b>			
	40	50	711P.S.40B
	50	50	711P.S.50B
	75	30	711P.S.75B
	110	20	711P.S.110B
	160	2	711P.S.160B
	200	5	711P.S.200B
<b>Double socket</b>			
	40	50	710P.40B
	50	50	710P.50B
	75	50	710P.75B
	110	48	710P.110B
	160	10	710P.160B
	200	2	710P.200B
<b>Access with cap</b>			
	50	16	738P.50.90B
	75	10	738P.75.90B
	110	13	738P.110.90B
	160	6	738P.160.90B
	200	2	738P.200.90B
<b>Socket plug</b>			
	40	25	730P.40B
	50	25	730P.50B
	75	50	730P.75B
	110	40	730P.110B
	160	40	730P.160B
	200	20	730P.200B

## PVC Fittings

	Size mm	Pack/Box	Code
<b>Double equal branch</b>			
	110	2	706P.104.92B
	For use with Terrain 117 boss adaptors on page 14.		
<b>Single branch</b>			
	110	8	704P.104.92B
	For use with Terrain 117 boss adaptors on page 14.		
<b>Four way boss</b>			
	110	15	720P.412.2B
	For use with Terrain 117 boss adaptors on page 14.		
<b>Corner boss branch</b>			
	110	6	706P.490.12B
	For use with Terrain 117 boss adaptors on page 14.		
<b>Universal soil manifold</b>			
	110	5	719P.412.15B
	For use with Terrain 117 boss adaptors on page 14.		
<b>Adaptors</b>			
	40mm to 1.5 Inch	50	6789/DVW
	50mm to 2 Inch	75	6790/DVW

## Brackets and Accessories

Size mm	Pack/Box	Code
<b>Firetrap Sleeve</b>		
42 x 300	12	<b>1925.42</b>
54 x 300	8	<b>1925.54</b>
76 x 300	6	<b>1925.76</b>
114 x 300	9	<b>1925.114†</b>
169 x 300	4	<b>1925.169†</b>



†Held in stock by Polypipe.

**Note:** As a Firetrap product a different discount structure applies.

### Acoustic brackets

40	M10	50	<b>9140.40R</b>
50	M10	50	<b>9140.50R</b>
75	M10	50	<b>9140.75R</b>
110	M10	15	<b>9140.110R</b>
160	M10	1	<b>9140.160R</b>



## Index

Code	Pack Qty	Page
<b>Pipes</b>		
700P.40.30B		68
700P.50.30B		68
700P.75.30B		68
700P.110.30B		68
700P.160.30B		68
700P.200.30B		68
<b>Fittings</b>		
707P.110.165B		68
707P.110.150B		68
707P.40.135B		68
707P.50.135B		68
707P.75.135B		68
707P.110.135B		68
707P.160.135B		68
707P.200.135B		68
707P.40.92B		68
707P.50.92B		68
707P.75.92B		68
707P.110.92B		68
707P.160.92B		68
707P.200.92B		68
701P.110.135B		68
701P.110.92B		68
704P.40.135B		69
704P.50.135B		69
704P.75.135B		69
704P.110.135B		69
704P.160.135B		69
704P.200.135B		69
704P.40.92B		69
704P.50.92B		69
704P.75.92B		69
704P.110.92B		69
704P.160.92B		69
704P.200.92B		69
704P.5040.135B		69
704P.7550.135B		69
704P.11050.135B		69
704P.11075.135B		69
704P.160110.135B		69
704P.200160.135B		69
704P.11050.92B		69
704P.11075.92B		69
704P.160110.92B		69
706P.110.135B		69
723P.5040B		69
723P.7550B		69
723P.11050B		69
723P.11075B		69
723P.160110B		69

## Index

Code	Pack Qty	Page
723P.200160B		69
704E.110.135B		69
706P.110.90B		69
724P.7550B		70
724P.11050B		70
724P.11050B		70
724P.11075B		70
711P.50B		70
711P.110B		70
711P.S.40B		70
711P.S.50B		70
711P.S.75B		70
711P.S.110B		70
711P.S.160B		70
711P.S.200B		70
710P.40B		70
710P.50B		70
710P.75B		70
710P.110B		70
710P.160B		70
710P.200B		70
738P.50.90B		70
738P.75.90B		70
738P.110.90B		70
738P.160.90B		70
738P.200.90B		70
730P.40B		70
730P.50B		70
730P.75B		70
730P.110B		70
730P.160B		70
730P.200B		70
706P.110.90B		69
706P.104.92B		71
704P.104.92B		71
720P.412.2B		71
706P.490.12B		71
719P.412.15B		71
6789/DWW		71
6790/DWW		71
<b>Brackets and Accessories</b>		
1925.42	12	72
1925.54	8	72
1925.76	6	72
1925.114	9	72
1925.169†	4	72
9140.40R	50	72
9140.50R	50	72
9140.75R	50	72
9140.110R	15	72
9140.160R	1	72



## Introduction

Using the latest plastics manufacturing technology to satisfy the requirements of today's installers, the Terrain underground range offers both rigid and foam core 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.

## Foamcore pipe

Manufactured using the latest tri-extrusion techniques to produce a three layer pipe that is 25% lighter than standard PVCu pipe.

Available in 110 and 160mm diameters.

## Pipe

	Size mm	Angle	Col	Pack/Box	Code
--	---------	-------	-----	----------	------

### Pipe plain ended

	82 (5.8m)		T	1/88	<b>3DP58</b>
	110 (5.8m)	♥	T	1/67	<b>4DP58</b>
	160 (5.8m)	♥	T	1/33	<b>6DP58</b>

### Pipe single socket

	110 (3m)	♥	T	1/67	<b>4DP3S</b>
--	----------	---	---	------	--------------

### Foamcore pipe plain ended

	110 (3m)		T	1/67	<b>4EUP3</b>
	110 (5.8m)		T	1/67	<b>4EUP58</b>
	160 (5.8m)		T	1/33	<b>6EUP58</b>

### Foamcore pipe single socket

	110 (6m)		T	1/67	<b>4EUP6S</b>
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## Fittings

	Size mm	Angle	Col	Pack/Box	Code
--	---------	-------	-----	----------	------

### Coupler double socket

With central stop.

	82		T	10/60	<b>3D20D</b>
	110	♥	T	5/48	<b>4D20D</b>
	160	♥	T	5/15	<b>6D20D</b>

### Slip coupler

For inserting new fittings into existing pipework.  
(e.g. refurbishment or repair).  
No central stop.

	110		T	5/45	<b>4D20DSC</b>
	160		T	1/15	<b>6D20DSC</b>

### Pipe end socket

	110	♥	T	5/40	<b>4D69</b>
	160	♥	T	1/15	<b>6D69</b>

## Fittings

	Size mm	Angle	Col	Pack/Box	Code
--	---------	-------	-----	----------	------

### Short radius bend double socket

To change pipe direction: 87½°, 45°, 30° and 15° as standard.

	82	87½	T	1/15	<b>3D23D</b>
	82	45	T	5/20	<b>3D25D</b>
	110	87½	♥	5/18	<b>4D23D</b>
	110	45	♥	5/26	<b>4D25D</b>
	110	15	T	5/35	<b>4D29D</b>
	160	87½	♥	1/6	<b>6D23D</b>
	160	45	♥	1/8	<b>6D25D</b>

### Short radius bend single socket

To change pipe direction: 87½°, 45°, 30° and 15° as standard.

	110	45	T	5/35	<b>4D25</b>
	110	30	T	5/15	<b>4D27</b>
	110	15	T	5/40	<b>4D29</b>
	160	87½	T	5/10	<b>6D23</b>
	160	45	T	5/8	<b>6D25</b>
	160	30	T	4/12	<b>6D27</b>

### 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	<b>4D21</b>
---	-----	-----	---	------	-------------

### 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	<b>4D21D</b>
--	-----	--	---	-----	--------------

### 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	<b>4DV40</b>
---	-----	------	---	---	------	--------------

### Socket plug

To blank off any ring seal socket.

With boss horn.

	110	♥	T	6/54	<b>4D68</b>
	160	♥	T	1/30	<b>6D68</b>

## Fittings

	Size mm	Angle	Col	Pack/Box	Code	
<b>Access cap</b>						
	To allow full bore access to 82mm, 110mm or 160mm pipework for inspection or rodding.					
	110	▽	T	5/50	<b>4D64</b>	
	160	▽	T	1/15	<b>6D64</b>	
	110		T	1/40	<b>4D63</b>	
	160		T	1/35	<b>6D63</b>	
<b>Rodding eye</b>						
	Material: Aluminium. Elliptical rodding eye with 110mm pipe size spigot. Access aperture size: 118x90mm.					
	110		Self	5/25	<b>4DRE</b>	
<b>Single equal junction</b>						
	To join 82mm branch pipe to 82mm main pipe at an angle: 45° as standard.					
	82	45	T	1/20	<b>3D33D</b>	
<b>Single equal junction - all equal sockets</b>						
	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	<b>4D30D</b>
	160	87½		T	4	<b>6D30D</b>
	110	45	▽	T	12	<b>4D33D</b>
	160	45	▽	T	3	<b>6D33D</b>
<b>Equal sockets plus spigot outlet</b>						
	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	<b>4D30</b>
<b>Single unequal junction - all socket</b>						
	To join 110mm branch pipe to 160mm main pipe at an angle: 45° and 87½° as standard.					
	160/110	45	▽	T	5	<b>64D33D</b>

## Fittings

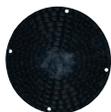
	Size mm	Angle	Col	Pack/Box	Code
<b>Gully trap</b>					
	Material: Polypropylene To obtain 'P' trap, add 45° bend.				
	110		T	4/12	<b>4DG90</b>
<b>'P' trap</b>					
	Material: PVCu To obtain 'Q' or 'S' trap, add 45° or 87½° bend.				
	110		T	4/8	<b>4DG91</b>
<b>Square hopper head</b>					
	Material: 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	<b>4DG92</b>
<b>Rectangular hopper head</b>					
	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	<b>4DG93</b>
<b>Circular gully</b>					
	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	<b>4DG80</b>
<b>Bottle gully with round cover</b>					
	Material: PVCu and Polypropylene. Removable dip tube provides 50mm deep trap. Incorporates 110mm back inlet connection. Terracotta body with Black cover.				
	110		T	4	<b>4DG97</b>
<b>Bottle gully with square cover</b>					
	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	<b>4DG89</b>

## Gullies & Hoppers

Size mm	Angle	Col	Pack/Box	Code
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### Sealed cover

To cap 4DG80 Circular Gully or 4DG81 Extension Piece with screws and seal.



211		B	1/30	<b>4DG82</b>
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### 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	<b>4DG83</b>
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### 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	<b>4DG96</b>
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### Square hopper head grid

Material: Polypropylene.  
Spare grid for 4DG92 Hopper Head.



155		B	1/100	<b>4DG92G</b>
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Material: Polypropylene  
Spare grid for 4DG89 Hopper Head

232		B	1/15	<b>4DG89G</b>
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### Square sealed cover

Material: Polypropylene. Converts 4DG92 Square Hopper. Head from open grid to sealed cover.

With screws and seal.



155		B	1/100	<b>4DG92GS</b>
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## Inspection Chambers

Size mm	Angle	Col	Pack/Box	Code
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### 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  $14^\circ$  adjustment to accommodate pipe variation and ground fall.

Access aperture size: 162x100mm.

Requires seal 9116.4 found on page 34.



110		T	2	<b>4DI600</b>
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### Sealed cover and frame

To cap 4DI600 Shallow Inspection Chamber.

Ring seal joint to shaft



200		B	4/12	<b>4DIFC1</b>
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### 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	<b>4DI240B</b>
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### 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	<b>64DI240B</b>
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### 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	<b>4DI215R</b>
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### Seal ring

Suitable for 4DI215R.



		B	1	<b>4DI215S</b>
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## Reducers & Adaptors

Size mm	Angle	Col	Pack/Box	Code
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### Level invert taper

Material: PVCu.

Larger end spigot and smaller end socket.



110/82	▽	T	2/30	<b>43DT</b>
160/110	▽	T	4/24	<b>64DT</b>

### Universal waste adaptor

Material: EPDM.

For connecting 32mm, 40mm or 50mm waste pipe to 110mm underground drain pipe.



110		B	5/60	<b>4DW200</b>
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### Adaptor to above ground drain

Material: Flex PVC.

For connecting 82mm underground drain. External only.



82/68		B	5/60	<b>3DW25</b>
110/68		B	5/50	<b>4DW25</b>
110/82		B	5/50	<b>4DW3</b>

Material: Flex PVC. For connecting 62mm square downpipes to underground drainage system.

For square downpipe.



110/62		B	5/50	<b>4DW23</b>
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### 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	<b>4D73</b>
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### Lubricant

Please refer to page 35

## Index

Code	Pack Qty	Page
<b>Pipe and Fittings</b>		
3D20D	10/60	80
3D23D	1/15	81
3D25D	5/20	81
3D33D	1/20	82
3DP58	1/88	80
4D20D	5/48	80
4D20DSC	5/45	80
4D21	5/10	81
4D21D	3/9	81
4D23D	5/18	81
4D25	5/35	81
4D25D	5/26	81
4D27	5/15	81
4D29	5/40	81
4D29D	5/35	81
4D30	5/15	82
4D30D	12	82
4D33D	12	82
4D63	1/40	82
4D64	5/50	82
4D68	6/54	81
4D69	5/40	80
4DP3S	1/67	80
4DP58	1/67	80
4DRE	5/25	82
4DV40	5/25	81
4EUP3	1/67	80
4EUP58	1/67	80
4EUP6S	1/67	80
64D33D	5	82
6D20D	5/15	80
6D20DSC	1/15	80
6D23	5/10	81
6D23D	1/6	81
6D25	5/8	81
6D25D	1/8	81
6D27	4/12	81
6D30D	4	82
6D33D	3	82
6D63	1/35	82
6D64	1/15	82
6D68	1/30	81
6D69	1/15	80
6DP58	1/33	80
6EUP58	1/33	80

## Index

Code	Pack Qty	Page
<b>Gullies and Hoppers</b>		
4D680	2/4	83
4D682	1/30	84
4D683	1/30	84
4D689	4	83
4D689G	1/15	84
4D690	4/12	83
4D691	4/8	83
4D692	5/15	83
4D692G	1/100	84
4D692GS	1/100	84
4D693	4/12	83
4D696	3	84
4D697	4	83
<b>Inspection Chambers</b>		
4DI215R	1	85
4DI215S	1	85
4DI240B	1	85
4DI600	2	85
4DIFC1	4/12	85
64DI240B	1	85
<b>Reducers and Adaptors</b>		
3DW25	5/60	86
43DT	2/30	86
4D73	1/36	86
4DW200	5/60	86
4DW23	5/50	86
4DW25	5/50	86
4DW3	5/50	86
64DT	4/24	86



## Flexicon Couplings

Flexicon couplings are available as straight connections or adaptors for a wide range of pipe materials and sizes.

These robust EDPM flexible rubber couplings have been manufactured to BS EN 681-1 and are ideal for jointing pipes for sewerage, drainage and other low pressure applications.

Flexicon couplings can be manufactured from other types of rubber to suit customer requirements.

### Flexicon Adaptors

Range A/Bmm	Min Length	Pack/ Qty	Driver A/B mm	Code
<b>Flexicon Universal Adaptors (XAC)</b>				
120-135/100-115	100	1	7/7	XAC400
<b>Flexicon Drainage Adaptors (XAC)</b>				
100-115/75-85	100	1	7/7	XAC85/115
100-115/85-95	100	1	7/7	XAC95/115
150-165/100-115	120	1	7/7	XAC115/165
160-175/110-125	120	1	7/7	XAC125/175
<b>Flexicon Plumbing Adaptors (XPA)</b>				
50-65/30-45	80	1	7/7	XPA45/65
80-95/45-50	100	1	7/7	XPA50/95

### Flexicon Couplings

Range A/Bmm	Min Length	Pack/ Qty	Driver A/B mm	Code
<b>Flexicon Drain Couplings (XDR)</b>				
50-65	95	1	7	XDR65
80-95	110	1	7	XDR95
100-115	110	1	7	XDR115
110-125	120	1	7	XDR125
150-165	120	1	7	XDR165
150-175	120	1	7	XDR175
175-200	150	1	8	XDR200

### Flexicon End Caps

Range A/Bmm	Min Length	Pack/ Qty	Driver A/B mm	Code
<b>Flexicon End Caps (XST)</b>				
50-65		1	7	XST65

## 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)

### Flexible Couplers

BS EN 681-1 (KM 37955)



## Firetrap Collar and Firetrap Sleeves

Firetrap Collars hold a European Technical Assessment (ETA-20/1151).

Fire collars comply to standards BS EN 13501-1 & 13501-2.

Fire sleeves comply to standards BS EN 1363-1 & 1366-3.

Please refer to the relevant product pages for detail regarding product Kitemarks.

For copies of certificates please visit [www.polypipe.com/commercial-building-services](http://www.polypipe.com/commercial-building-services)

## 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: [commerciaenquiries@polypipe.com](mailto:commerciaenquiries@polypipe.com)  
[www.polypipe.com/commercial-building-services](http://www.polypipe.com/commercial-building-services)





# Terrain Drainage Systems



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