

Terrain Pipework and Fittings

As a truly engineered system, Terrain Soil & Waste products have been developed and manufactured in the UK to provide engineers and installers with unique and innovative drainage systems designed for commercial, public and residential applications.

Terrain's second Technical Bulletin details the general properties of our Pipework and Fittings. Providing you with a quick reference to all the information you'll need to know about the physical properties of Terrain products.

General Properties of Terrain Pipework and Fittings

<p>Nominal Pressure rating</p> <p>0.5 bar (gravity system)</p>	<p>Coefficient of Linear Expansion</p> <p>0.04mm / m / ±1K</p>	<p>Operating Temperatures</p> <p>PVC-u soil pipework 76°C* MuPVC waste pipework 80°C* Polypropylene 95°C*</p>
---	---	--

*The above temperatures are based on a continuous flow; intermittent discharges of up to 100°C may occur, provided they are of less than two minutes.

Pipe Diameters and Weights:

PVC								
	Imperial size	Metric size	OD	Thickness	Mean Bore	Weight of pipe	Weight of water	Total weight
Codes	inches	mm	mm	mm	mm	Kg/m	Kg/m	Kg/m
500.75.40	3/4	19	21	1.1	18.8	0.10	0.28	0.38
200.125.40	1 1/4	32	36	1.8	32.4	0.27	0.82	1.10
200.15.40	1 1/2	40	43	1.9	39.2	0.35	1.21	1.56
200.2.40	2	50	56	2	52	0.48	2.12	2.61
100.3.40	3	82	82	3.2	75.6	1.13	4.49	5.61
100.4.40	4	110	110	3.2	103.6	1.52	8.43	9.96
100.6.40	6	160	160	3.3	153.4	2.31	18.48	20.79
Polypropylene								
	Imperial size	Metric size	OD	Thickness	Mean Bore	Weight of pipe	Weight of water	Total weight
Codes	inches	mm	mm	mm	mm	Kg/m	Kg/m	Kg/m
300.125.40	1 1/4	32	35	1.8	31.4	0.19	0.77	0.96
300.15.40	1 1/2	40	41	1.9	37.2	0.23	1.09	1.32
300.2.40	2	50	54	2	50	0.33	1.96	2.29

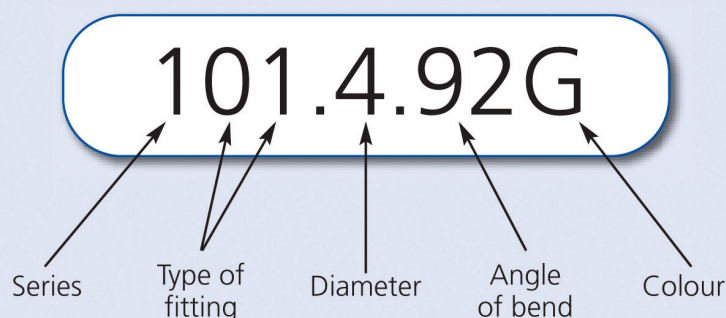
- Inflammability: Self Extinguishing
- Resistance to Light: UV-Stabilised
- Resistance to Diluted Acid: Good Resistance
- Resistance to Concentrated Acid: Good Resistance
- Resistance to Diluted Alkalis: Good Resistance
- Resistance to Concentrated Alkalis: Good Resistance



Terrain Pipework and Fittings

All Terrain Drainage products can be clearly identified from the product coding system. The information below illustrates how to identify a product from its code.

A Guide to the Terrain 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
- 900 = Fuze HDPE

Diameter

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

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)

Colour

- G = Grey
- B = Black
- W = White
- R = Rustic (Brown)

Please note that Terrain offer a comprehensive range of HDPE pipe work and fittings for drainage applications. We shall be presenting technical information about Fuze HDPE in later technical bulletins.