

Developer Services

Materials List v3

A reg 31 materials risk assessment must be completed prior to installation, your Wessex representative will provide details at pre-start meeting.

Pipe Type Description	Wessex Water preferred supplier	Size	Rating	Industry approved number	Expire Date	Comments
Water Mains						
GPS B Light Blue Polyethylene Pipe PE80	GPS	63mm,	SDR17 (unless otherwise stated)	Reg 31/27/30 WRAS Approved Material 1105515 B.1.1 DWI 56/4/242	10 June 2027	
PE100 Polyethylene Pipes made from Blue and Black material	GPS	25mm, 32mm, 50mm, 63mm,90mm,125,180mm,250mm	SDR17 (unless otherwise stated)	Reg 31/27/30 WRAS Approved Material 1105515 B.1.1 DWI 56/4/1026	6 November 2026	
GPS Protecta-Line 3C Barrier Pipe	GPS	63mm,90mm,125,180mm	SDR17 (unless otherwise stated)	DWI 56.4.873	31/10/2029	
Barrier PE pipe for contaminated land	Radius Pipe Systems Ltd Puriton Pipe	25mm, 32mm, 50mm, 63mm,90mm,125,180mm,250mm	SDR17 (unless otherwise stated)	Reg 31/27/30 WRAS Approved Material 1105515 B.1.1 DWI 56/4/1112	29th October 2024	Not to be installed until further notice
GPS Protecta-Line Barrier Pipe	GPS Protecta-Line	25mm, 32mm, 50mm, 63mm,90mm,125,180mm,250mm	SDR17 (unless otherwise stated)	BS EN 12201-2 DWI 56/4/872 WRAS Approved 1606501 1511343 1505514 1302025 DWI 56/4/872	31st October 2029	



Barrier PE pipe for contaminated land	Edgeplast SLA Barrier Pipes	25mm, 32mm, 50mm, 63mm, 90mm, 125, 180mm, 250mm	SDR17 (unless otherwise stated)	DIN 8074/75; BS EN 12201; EN 1555; DVGW GW 335-A2; PAS 1075; KIWA BRL-K17101 DWI 56/4/1109	20 August 2025	
Small Surface Area						
Stub flanges	Egeplast UK			WIS 4-24-01		
Branch tees	Egeplast UK			WIS 4-32-08		
Elbows / bends	Egeplast UK			WIS 4-32-08		
Electrofusion collar / coupling	Egeplast UK	25mm, 32mm, 50mm, 63mm, 90mm, 125, 180mm, 250mm		WIS 4-32-08		
Electrofusion elbows	Egeplast UK	25mm, 32mm, 50mm, 63mm, 90mm, 125, 180mm, 250mm		WIS 4-32-09		
Tapping saddle electrofusion	Egeplast UK	25mm, 32mm, 50mm, 63mm, 90mm, 125, 180mm, 250mm		WIS 4-32-10 / WIS 4-22-02		
Ferrule strap for barrier pipe	Egeplast UK	25mm, 32mm, 50mm, 63mm, 90mm, 125, 180mm, 250mm		WIS 4-22-02		
Sluice valves	AVK	80mm, 100mm, 150mm		EN 1074 (DIN 3352 - 4B)		
Chamber sections	Pipeline and Drainage System			BS 5834-4 1989 EN 124 D400 loading		
Chamber covers	Saint Gobain	380mm x 230mm x 125mm 150mm x 150, 225mm X 225mm				FH/Water/WO
Standard manifold box	Talis/ Atlantic Plastic					
Manifold for contaminated land	Talis/ Atlantic Plastic					
Wall mounted meter box	Groundbraker System					
Standard - Matrix Plus Meter Box	Talis/ Atlantic Plastic	25mm, 32mm		WRAS approved BS 5834-1:2017 WIS 37-01		



• Contaminated Land - Sealed Matrix Plus Meter Box						
Boundary Box ¼ turn raised manifold, push fit, Grade C lid	Talis/ Atlantic Plastic					
Trace wire						
Aluminium joint wrap for contaminated land						
Volumetric meters	Elster Metering	Elster v210p	Concentric 15mm	MID 2006 & ISO 4064:2014		
Smart Meter		Contact Wessex Water representative (Area Specific)				
Hydrant / washout P16 Type 2 clockwise closing. Fixed jumper	AVK UK					
Denso tape, Denso priming paste and Denso profiling mastic						
Aquagrip fittings	Viking Johnson			WIS 4-24-01		
Flanged fittings	St Gobain			EN545 - WRAS 1011504		