

## WWDS-SL ML Materials list V2

All pipes must be stored with end caps All MDPE fittings must be delivered and stored in plastic heat sealed bags

Pipe type description	Wessex Water preferred supplier	Size	Rating	Industry approval reference
Standard PE pipe	GPS	25mm, 32mm, 50mm, 63mm	SDR17 (unless otherwise stated)	Reg 31/27/30 WRAS Approved Material 1105515 B.1.1 DWI 56/4/242
Standard HPPE pipe	GPS	90mm, 125mm, 180mm	SDR17 (unless otherwise stated)	Reg 31/27/30 WRAS Approved Material 1105515 B.1.1 DWI 56/4/1026
Barrier PE pipe for contaminated land	Radius Pipe Systems Ltd	25mm, 32mm, 50mm, 63mm	SDR17 (unless otherwise stated)	Reg 31/27/30 WRAS Approved Material 1105515 B.1.1 DWI 56/4/1112
Barrier PE pipe for contaminated land	Radius Pipe Systems Ltd	90mm, 125mm, 180mm		Reg 31/27/30 WRAS Approved Material 1105515 B.1.1 DWI 56/4/1112
Stub flanges	Egeplast UK			WIS 4-24-01
Branch tees	Egeplast UK			WIS 4-32-08
Elbows / bends	Egeplast UK			WIS 4-32-08
Electrufusion collar / coupling	Egeplast UK			WIS 4-32-08
Electrufusion elbows	Egeplast UK			WIS 4-32-09
Tapping saddle electrufusion	Egeplast UK	25mm, 32mm, 50mm, 63mm, 90mm 125mm, 180mm		WIS 4-32-10 / WIS 4-22-02
Ferrule strap for barrier pipe	Egeplast UK	63mm, 90mm, 125mm, 180mm		WIS 4-22-02
Sluice valves	AVK UK	80mm, 10mm, 150mm		EN 1074 (DIN 3352 - 4B)

Pipe type description	Wessex Water preferred supplier	Size	Rating	Industry approval reference
Chamber sections	Pipeline and Drainage System	380mm x 230mm x 125mm 600mm x 450mm x 100mm	Clear Opening	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	BS750 2012
Standard manifold box	Talis/ Atlantic Plastic	25mm, 32mm single		WIS 4-37-01 and BS5834 Part 2
Manifold for contaminated land	Talis/ Atlantic Plastic	3/4" BSP Poly or Gunmetal MVU		WIS-37-01 and BS5834 Pt2 Grade C
Wall mounted meter box	Groundbraker System		Wall Box Mk3	WIS 37-01
<ul style="list-style-type: none"> <li>Standard - Matrix Plus Meter Box</li> <li>Contaminated Land - Sealed Matrix Plus Meter Box</li> </ul>	Talis/ Atlantic Plastic	25mm / 32mm	SRD11	WIS 37-01
Boundary Box ¼ turn raised manifold, push fit, Grade C lid	Talis	25mm	PN16	WIS 4-37-01 The Water Supply (Water Quality) Regulations 2016 for England regulation 31 (4)(b) Approved for use with pipeline materials to EN 12201-2 or BS 8588 BS6920 parts 2.2.1 & 2.4 BS 5834 parts 2, 3 & 4 All units are to be supplied with frost protection and (Grade B lid if specified by site)
Trace wire	Ultra Tape			BS 6491 /BS1554
Aliminum joint wrap for contaminated land	GPS/RS	100m x 50m		
Volumetric meters	Elster Metering	Concentric 15mm		MID 2006 & ISO 4064:2014
PRV	Cla-Val			
Hydrant / washout P16 Type 2 clockwise closing . Fixed jumper	AVK UK			BS 750 BS EN1074-2:2000 EN 14339:2005
Denso tape, Denso priming paste and Denso profiling mastic	Winn & Coates			
Marker tape				As trace wire above
Aquagrip fittings	Viking Johnson			WIS 4-24-01
Flanged fittings	St Gobain			EN545 - WRAS 1011504