

## DATA SHEET

### PIPE WITH SMOOTH EXTERIOR WALL

**PRODUCT DESCRIPTION :** Pipe with smooth interior and exterior walls

**FUNCTION :** Pipe lining

**RAW MATERIALS :** Made from high-density polyethylene (HDPE) ASTM D3350

**TECHNICAL DATA :** Diameter: 450 mm (18 in) to 1,500 mm (60 in)  
 Length: 450 mm (18 in) thru 900 mm (36 in) is 3m (9.84 ft) 1,050 mm (42 in) and 1,200 mm (48 in) is 3.08m (10.1 ft)  
 1,500 mm (60 in) is 6m (19.68 ft)  
 Strength in compression: see technical data table  
 Manning: 0.010 to 0.012



PIPE with smooth exterior wall

**AVAILABLE COUPLERS :** Watertight: see technical data table

### TECHNICAL DATA TABLE

Nom. dia.		Int. dia.		Ext. dia.		Ext. dia. bell		Manning	Strength	Watertight connectors	
mm	in	mm	in	mm	in	mm	in	n	kPa	HDPE	
										BIGC	BG
450	18	457	18.0	552	21.1	562	22.1	0.010	320	X	X
525	21	535	21.1	650	25.6	663	26.1	0.012	320	X	X
600	24	603	23.8	746	29.4	762	30	0.012	320	X	X
750	30	756	29.8	899	35.4	917	36.1	0.012	320	X	X
900	36	912	35.9	1,056	41.6	1,077	42.4	0.012	320	X	X
1,050	42	1,067	42	1,234	48.6	1,234	48.6	0.012	145		X
1,200	48	1,220	48	1,387	54.6	1,387	54.6	0.012	135		X
1,500	60	1,511	59.5	1,678	66.1	1,678	66.1	0.012	105		X

Note 1: Values in the table are approximate and may change without notice.

**LEGEND**

BIGC: bell with integrated gasket with clips  
 BG: O-ring bell gasket

**APPLICATIONS :** HDPE culvert  
 Culvert lining

**ACCESSORIES :** Steel cross  
 Sacrificial pipe

Consult the Solflo and Solflo Max Couplers and Accessories section in this technical catalogue to obtain more information about steel crosses and sacrificial pipes.