

# DATA SHEET

## PERFORATED OR PERFORATED AND FILTERED SOLFLO

**PRODUCT DESCRIPTION :** Perforated flexible single wall pipe, with corrugated interior and exterior walls for roadway use

**FUNCTION :** Used to collect surface runoff and control the ground water level

**MANUFACTURING STANDARDS :** BNQ 3624-110 or AASHTO M294

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

**TECHNICAL DATA :** Diameter: 100 mm (4 in) to 300 mm (12 in)  
Length: 6 m (19.7 ft) to 300 m (3984.2 ft)  
Strength in compression: 210 kPa and 300 kPa  
Manning: 0.015 to 0.019  
Filter: Needle punched nonwoven, Routex IV geotextile with 110-micron openings

**AVAILABLE COUPLERS :** Soil tight: see technical data table



Perforated unfiltered SOLFLO



SOLFLO perforated and filtered with Routex IV

## TECHNICAL DATA TABLE

Nom. dia.		Int. dia.		Ext. dia.		Length		Manning	Strength	Backfill				Soil tight connectors		
mm	in	mm	in	mm	in	m	ft	n	kPa	Minimum		Maximum		HDPE		
mm	in	mm	in	mm	in	m	ft	n	kPa	m	ft	m	ft	DBS	DBC	SC
100	4	100	3.9	118	4.6	30	98.4	0.015	300	0.4	1.3	12.0	39.4	X	X	
150	6	150	5.9	176	6.9	30/300	98.4/984.2	0.016	300	0.4	1.3	12.0	39.4	X		X
200	8	198	7.8	228	9.0	30	98.4	0.016	300	0.4	1.3	12.0	39.4	X		X
300	12	305	12.0	367	14.4	6	19.7	0.019	210*	0.4	1.3	10.0	32.8		X	X

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

Note 2: \* certified according to standard M294.

### LEGEND

DBS: double bell snap  
DBC: double bell with clips  
SC: split coupler

**APPLICATIONS :** Roadway drainage  
Trench drain  
Turf and recreation drainage

**OPTIONS :** Specific perforations (minimum volume required) and other filtering geotextiles are available upon request.  
Cord to ease the passage of the mandrill gauge.

**ACCESSORIES :** Consult the Solflo and Solflo Max Couplers and Accessories section in this technical catalogue to obtain more information about our complete line of Solflo accessories.