SOLENO
LA MAÎTRISE DURABLE DE L'EAU

# DATA SHEET

## PIPE WITH SMOOTH EXTERIOR WALL

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

**FUNCTION :** Pipe for culvert rehabilitation

**RAW MATERIALS :** Made from HDPE resin that complies with properties classification of ASTM D3350 standard.

**TECHNICAL DATA :** Diameters : 450 mm (18 in) to 1500 mm (60 in)

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



Pipe with smooth exterior wall

## TECHNICAL DATA TABLE

| Diameter | | | | | | Outside diameter bell | | Manning | Length | | Compression stiffness | Watertight couplers HDPE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nominal | | Interior | | Outside | | | | | | | | | |
| mm | in | mm | in | mm | in | mm | in | n | m | ft | kPa | BIGC | BG |
| 450 | 18 | 457 | 18,0 | 553 | 21,8 | 562 | 22,1 | 0,010 | 3,0 | 9,8 | 320 | X | X |
| 525 | 21 | 535 | 21,1 | 650 | 25,6 | 663 | 26,1 | 0,012 | 3,0 | 9,8 | 320 | X | X |
| 600 | 24 | 611 | 24,1 | 748 | 29,4 | 762 | 30,0 | 0,012 | 3,0 | 9,8 | 320 | X | X |
| 750 | 21 | 756 | 29,8 | 899 | 35,4 | 917 | 36,1 | 0,012 | 3,0 | 9,8 | 320 | X | X |
| 900 | 24 | 900 | 35,4 | 1050 | 41,4 | 1077 | 42,4 | 0,012 | 3,0 | 9,8 | 320 | X | X |
| 1050 | 21 | 1067 | 42,0 | 1234 | 48,6 | 1234 | 48,6 | 0,012 | 3,3 | 10,8 | 140 | | X |
| 1200 | 24 | 1220 | 48,0 | 1387 | 54,6 | 1387 | 54,6 | 0,012 | 3,0 | 9,8 | 125 | X | X |
| 1500 | 21 | 1514 | 59,6 | 1698 | 66,9 | 1678 | 66,1 | 0,012 | 6,0 | 19,7 | 95[1] | | X |

Note 1: R95 refers to the categorization of BNQ 3624-120 and CSA B182.8 standards.
Note 2 : 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 rehabilitation

**ACCESSORIES :** Steel cross
Sacrificial pipe

Consult the Solflo and Solflo Max Couplings and Accessories section in the price lists to obtain more information about steel crosses and sacrificial pipes.