SPECIFICATIONS

SOLENO
Mastering Storm Water

PIPE WITH SMOOTH EXTERIOR WALL

SCOPE
These specifications apply to all 450 mm (18 in) to 1,500 mm (60 in) diameter Solflo Max pipes with smooth exterior walls used to rehabilitate pipes by insertion.

PIPE REQUIREMENTS
Pipes shall be Solflo Max, manufactured with smooth interior and exterior walls.

- 450 mm (18 in) to 900 mm (36 in) pipes shall be conform to CSA B 182.8 and will be manufactured according to specified requirements as per standard BNQ 3624-120 and by adding a smooth exterior wall; they shall have minimum stiffness of 320 kPa and be 3 m (9.8 ft) long.
- 1,050 mm (42 in) to 1,500 mm (60 in) pipes shall be certified as per standard AASHTO M294; they shall have minimum stiffness of 145 kPa for 1,050 mm (42 in) diameters, 135 kPa for 1,200 mm (48 in) diameters, 105 kPa for 1,500 mm (60 in) diameters and be 3 m (9,8 ft) long for 1,050 mm (42 in) and 1,200 mm (48 in) and 6 m (19.68 ft) long for 1,500 mm (60 in).

RAW MATERIALS
Pipes shall be made from a polyethylene resin that complies with properties classification PE 334420C, as defined in standard ASTM D3350.

JOINT PERFORMANCE
- 450 mm (18 in) to 900 mm (36 in): bell with integrated gasket with clips welded to the pipe to ensure proper pipe insertion. The gasket shall be co-injected into the bell. The assembly shall be certified as per standard CSA B182.8.
- 1,050 mm (42 in) to 1,500 mm (60 in): bell with O-Ring gasket installed by the manufacturer onto the male end, covered by a protective film. The assembly shall be certified as per standard AASHTO M294.
- Fused or glued gaskets will not be permitted.

DIMENSIONS AND QUANTITIES
Dimensions and quantities shall comply with tender documents and drawings.

INSTALLATION
Installation of the pipe with smooth exterior wall will be made following Soleno's recommendations. Contact the Soleno representative in your region or visit our website at www.soleno.com for installation recommendations.