



SPECIFICATIONS

CORRUGATED STEEL PIPE

SCOPE

These specifications apply to all 300 mm (12 in) to 3,600 mm (144 in) diameter corrugated galvanized (GCSP) or aluminized (ACSP) steel pipes with locked seam used for drainage, water course piping and gravity flow storm water sewers.

PIPE REQUIREMENTS

Pipes shall be built with corrugated galvanized steel and shall comply with standard CSA G401. Corrugations shall be spiral-shaped, except at the ends, where they shall be re-rolled, to allow the use of corrugated split couplers.

RAW MATERIALS

GCSP : The steel used for these pipes is cold rolled and hot dip galvanized according to standard ASTM A929. The total weight of the zinc coating, for both faces, shall be at least 610 g/m² (2 oz/ft²) (commonly known as Z610 / G-200).

ACSP : The steel used for these pipes is cold rolled and aluminized by continuous hot immersion according to standard ASTM A929. The total weight of the 55% aluminum-zinc coating, for both faces, shall be at least 305 g/m² (1 oz/ft²).

JOINT PERFORMANCE

Split couplers shall have a corrugated collar, be made from galvanized or aluminized steel, and shall comply with standard CSA G401. A Soleno Textile TX-80 BNQ G.C.T.T.G 3001 geotextile must cover the assembly.

ACCESSORIES

Accessories : factory welded. All welds shall be continuous, brushed, then painted with zinc according to standard CAN/CGSB-1.181-92.

Couplers : factory welded. All welds are spot welds.

DIMENSIONS AND QUANTITIES

Dimensions and quantities shall comply with tender documents and drawings.

INSTALLATION

Installation shall be carried out in compliance with standard BNQ 1809-300, and following Soleno's recommendations. Contact the Soleno representative in your region or visit our website at soleno.com for installation recommendations.