

Tubing Specification

Corrugated High Density Polyethylene
Tubing for Sub drainage Applications



F-405-13

SCOPE

This specification covers the requirements for high density polyethylene corrugated tubing used in sub drainage applications. Tubing sizes include 100mm & 150mm Diameters. All tubing is available in Solid, Perforated & Perforated with geotextile filter cloth.

MATERIALS

All Tubing shall be manufactured using High Density Polyethylene resin which will meet or exceed the requirements of A.S.T.M. D3350 cell class 323410C or 333410C.

PIPE DIMENSIONS

Standard Coil lengths are available for 100mm & 150mm. The normal size of the tubing is based on the normal inside diameter of the Tubing. The tolerance on the specified inside diameter shall +3% / -1.5%

Normal Inside diameter	100mm	150mm
Normal outside diameter	120mm	180mm

JOINTS / FITTINGS

The tubing shall be joined with external "snap" of insert tees & couplers

PIPE STIFFNESS

The tubing shall have a minimum stiffness of 210 kpa @ 5% deflection. Tests are done in accordance with ASTM D2412.

RETEST AND REJECTION

If any failure to conform to these specifications occurs the tubing or fittings may be retested to establish conformity in accordance with an agreement between buyer and seller.