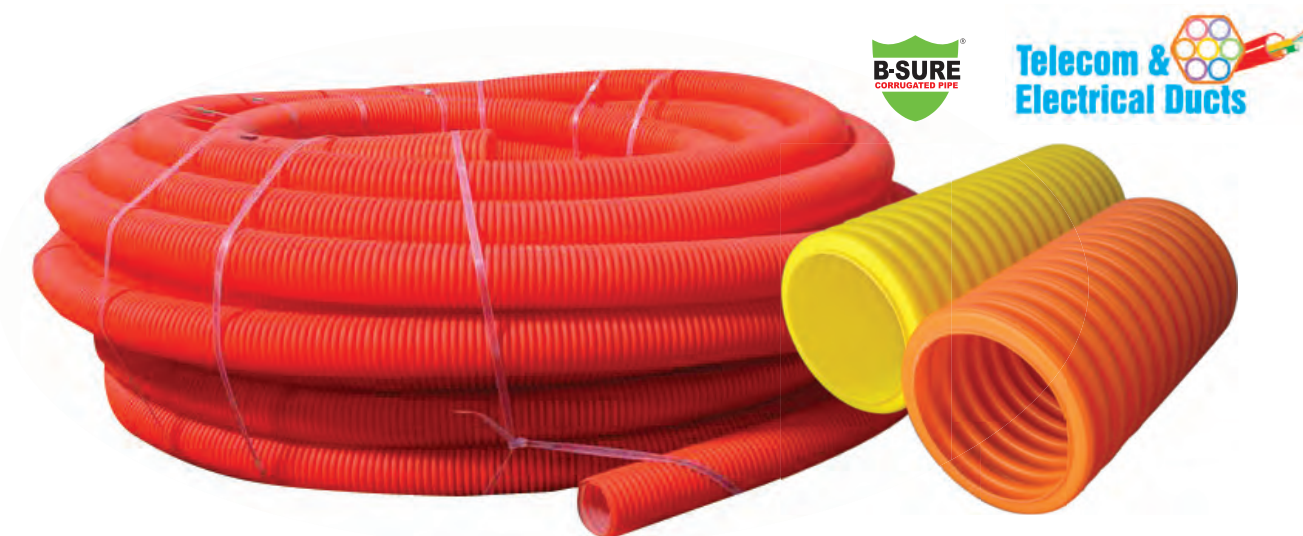


PE Corrugated Piping System for Electrical Cable Duct



PE Corrugated pipes are an ideal blend of structural strength and flexibility that serves well in buried or unburied conditions. As a conduit system PE corrugated pipes are used for the protection of insulated conductors, cables in electrical and communication system, high tension power cable installation.

PE itself is an extremely versatile piping material with many properties that makes ideal for use in underground and above ground conduit systems. The lightweight PE allows for easier and less costly transportation and installation cost. Not brittle or rigidly hard, it is not easily susceptible to cracking during pipe handling and installation activities. Once formed in to a corrugated pipes, PE pipe is resistant to abrasion, corrosion, chemical scouring and is structurally strong with the ability to support large loads. PE corrugated pipe is a flexible piping system that performs well in both high cover and low cover applications. Its unique ability to support and distribute live and dead load enables it to meet almost every installation conditions.

PE corrugated piping systems are specified and extensively used as cable ducts in Railway, BSNL and other private companies, OFC backbone routes, Public Works Departments/CPWD, State & National Highways/NHAI, Metro Traffic Signal projects, Airports etc.

Technical specifications

Range

- Single/Double Wall Corrugated (SWC/DWC) - OD/ID (mm)
63/52, 75/62, 90/77, 120/106, 125/103, 180/153, 200/173, 250/215
Available in Light, Normal and Medium class with separate coupler.

- Double Wall Corrugated (DWC) - Nominal Internal Dia.(mm)
135, 250, 300, 400, 500.
Available in SN 4, 6 and 8 with integral socket.

Standards

- IS 14930 (Part 2) - 2001,
- TEC Spec GR/DWC-34/01 SEP 2007,
- EN 13476-1: 2007 (E),
- IS 16098 (Part 2)

Length

Available in straight lengths of 6/12 meters for all sizes and in coils upto 125 mm OD in different colours.

Applications

- Power Cable Conduit
- Telecom Cable Duct