

HDPE Ducts for Telecom



Jain Silicoat[®]

The purpose of HDPE duct is to provide a clear, protected pathway for a cable, or for smaller conduits. The HDPE cable ducts are manufactured for mechanical protection to fibre optic, electrical cables etc. Basically HDPE ducts are used for installations of local and long-distance telephone networks, cable television transmissions, information transfer networks, etc. HDPE ducts are manufactured from high quality HDPE material and co-extruded with special lubricant providing a low friction smooth surface for easy cable drawing/blowing. The outer HDPE shell makes the pipe more tough and durable and enables the duct to withstand the pressure during high speed air blowing of cable as well as retain the roundness under soil pressure and traffic load. HDPE ducts can also be supplied with inner lubricated area in ribbed form. HDPE anti rodent ducts provide best solution to rodent attack by incorporating a bitterant in the pipe to dissuade rodents from gnawing it.

Technical specifications

Range

- **Micro Duct** Ø 3/1.5, 5/3.5, 7/5.5, 8/4.4, 10/5.5, 10/7.6, 10/8, 12/8, 12/10, 14/10, 16/10 mm OD/ID
- **OFC Duct** 29/23, 32/26, 32/27, 32/28, 40/33, 40/34.2, 50/42, 50/43 mm OD/ID
Also available with Tracer Duct for easy detection.
- **Spirozoom** 38.8 mm, 40/34.2 & 40/33 mm
- **Multi-Micro Duct** 2 way to 8 way

Standards

BSNL (TEC) Specification, Company Specification GR No. TEC/GR/TX/CDS-008/03/MAR-11

Length

Available in Coils & Drums

Material Grades

• PE-63 & PE-80 in different colours

Applications

- Optical Fiber Cable (OFC) Ducting for Telecom & Data Networks
- Fiber To The Home (FTTH) application