

HDPE PLB Duct



KONCEPT PIPES

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KONCEPT
bringing concepts

HDPE PLB Duct Pipes And Fittings

We have been offering a wide range of HDPE PLB Duct Pipes and Fittings such as pipe conduits, pipe ducts, HDPE Conduits, PLB HDPE Ducts, that are manufactured from virgin Quality Raw Material sourced from reliable vendors across the globe. These pipe conduits, pipe ducts, HDPE conduits, PLB HDPE Ducts are manufactured as per the various Indian as well as International standards or can be customized as per the specifications of our clients.

HDPE PLB Duct

Item Code: HDPLB

HDPE PLB duct pipes are designed and engineered to house the sensitive nerves of Information technology i.e. optical fibers thus enabling information transfer across the globe.

Available as per Indian, International Standards or Customers requirements Most Suited for Pulling Optical Fibre Cable (OFC), Telecom, Electrical Lines etc.

Size Range: 32/26 mm, 40/33 mm, 50/42 mm

Color: Orange, Green, Red, Blue, Black or as per Customers requirements.

Available in Coils upto 1000 Meters Length.

Available as per TEC Specifications or Customers requirements

Material : Permanently lubricated HDPE Telecom Ducts are manufactured with the superior grade of High-Density Polyethylene materials. HDPE pipes manufactured meets all the requirements of TEC Specifications as well as IS 4984-1995.

Lubrication : Permanently lubricated HDPE Telecom Ducts have special lubricated compound on Inner Side for Conveying Optical Fiber cables with extremely low friction. Coefficient of Friction between the inside of the HDPE Duct and the outside of the inserted communication cable does not exceed 0.06.

Properties of Lubricant:

Is strongly locked into HDPE.

It has same physical/mechanical properties as HDPE except low Coefficient of Friction value which is less than 0.06.

Is evenly distributed around the bore and along the length of duct.

Does not react with water, hence it is possible to clean the duct by water stream in case of any obstruction/accident.

Have same frictional properties during life of the duct.

Salient Features of HDPE Duct:

- Environment Stress Crack Resistance (ESCR)
- Impact Resistance
- Crush Resistance
- Low Coefficient of Friction
- Temperature Resistance
- Ultraviolet (UV) protection

Product Applications:

HDPE Ducts are suitable for installation in the field dirt trenches, under sidewalks, roads, within communication networks, between communication centers and between cities. They can also be used in branch networks between cells, distribution cabinets, poles, in walls and within subterranean networks of homes, allowing the insertion of optical or copper communication cables, as well as TV/cable aluminium co-axial cables. Cables can be inserted in through the pipe by blowing, with an internal air-pressure up to eight bars.