

About us

Berlia Pipes is an established brand , manufacturing variety of pipes since 1975. We have our expertise in manufacturing a varied range of plastic pipes, providing complete solution for water supply, High pressure irrigation, Sprinkler, Wire ducting, etc.

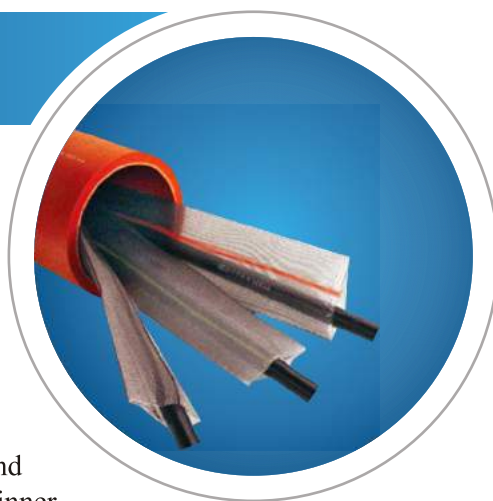
Quality products served with an essence of continual innovation assures for our success. To ensure high quality performance, we use virgin material for Extrusion and conduct various tests to ascertain that the products are being produced as per the guidelines of Indian/International standards.

At Berlia, with a well established supplier`s network we follow the concept of Just in time manufacturing ensuring lowest cost of production with minimum stock level which enables us to deliver the best quality customized products at lowest prices.

Permanent Lubricated HDPE Duct Pipes

(As per TEC Specifications, BSNL/DOT)

Also, known as COM-LINE PLB HDPE DUCT, OFC Duct Berlia HDPE Duct are manufactured as per G.R. No. GR/CDS-08/02. Nov' 2004 (Supersedes G.R. No. G/CDS-08/01. Dec' 99) from Bharat Sanchar Nigam Ltd. Permanently Lubricated HDPE Ducts are manufactured by co-extrusion technique and the base raw material used is High Density Poly Ethylene. The grade of raw material is ultra violet grade confirming to IS:7328 1992 and IS:2523 and is designated as PEELA 50T 012 (CACT Approved) and inner layer is permanently lubricated with material of DOW Coming grade 50MB002.



| S. No. | Duct Size (mm) | Outer Dia (mm) | Ovalty (Max) (mm) | Wall Thickness(mm) |
|--------|----------------|----------------|-------------------|--------------------|
| 1 | 32/26 | 32+0.3 | 1.3 | 2.8+0.4 |
| 2 | 40/33 | 40+0.4 | 1.4 | 3.3+0.4 |
| 3 | 50/42 | 50+0.5 | 1.4 | 3.7+0.6 |
| 4 | 63/55 | 63+0.6 | 1.5 | 3.6+0.6 |
| 5 | 75/65 | 75+0.7 | 1.6 | 4.3+0.7 |
| 6 | 90/79 | 90+0.9 | 1.8 | 5.1+0.8 |
| 7 | 110/96 | 110+1.0 | 2.2 | 6.3+1.0 |

Note: Available with / Without Rope

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.
- Same frictional properties during life of the duct.

FEATURES AND SPECIFICATIONS:

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

APPLICATIONS

COM-line 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 communication cables-optical or copper, as well as TV/cable aluminum coaxial cables. Cables can be inserted in through the pipe by blowing, with an internal air-pressure up to eight bars.

ASSOCIATED ACCESSORIES & TOOLS

- Plastic Coupler To join two duct lengths-air tight and water tight
- End Plug To seal duct ends prior to the installation of the cable
- Cable Sealing Plug To seal duct ends after insertion of the cable
- End Cap Made of hard rubber, fitted on both ends of duct coil after manufacturing
- Duct Cutter To cut duct cleanly and with square ends
- C Spanner To tighten plastic coupler



HDPE

PPR

UPVC

PLUMBING

CASING

PE-X

SWR

COLUMN



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