

BKP4 Technologies, Kolkata is a Distributor for Dura-Line India Pvt. Ltd. in respect of PLB Duct Accessories Sales to selected Customers in Eastern Region, (West Bengal, Chhattisgarh, Jharkhand, Orissa & Bihar Areas).

ABOUT DETAILED COMPANY PROFILE

Dura-Line India is a wholly-owned subsidiary of the **Dura-Line Corporation, USA**. It is India's largest supplier of Telecom Ducts, having sold more than **6,49,150 KMs** (Since Inception – till December, 2010) of Ducts to customers across various sectors like Network Builders, Telecom Companies, Pipelines, Highways, Railways and Defence in India & Dura-Line Plants world wide having sold more than **10 million KMs of Ducts**

Founded in 1971, Dura-Line Corporation is today the world's largest supplier of a diversified range of Permanently Solid Lubricated Silicore® HDPE Telecom Ducts, used to install and protect optic fibre cables, coaxial cables and electric power cables.

With current manufacturing facilities situated in USA, Czech Republic, Mexico, India and Oman – Dura-Line has helped build Telecom Networks for leading Telcos in over 120 countries



Having commenced commercial production in 1997, Dura-Line India has three State-of-the-Art plants in Goa and Neemrana, with an annual installed capacity in excess of 1,50,000 Kms. The plants are a certified ISO 9001 : 2000 & ISO 14001 : 1996 facility, committed towards providing products and services that exceed customers' requirements.

The company's major customers in India are *M/s Bharti Airtel Limited, TATA TeleServices Ltd, TATA Communications Ltd, TATA Motors Ltd, TATA Power SED Limited, Vodafone Essar Ltd, Idea Cellular Ltd, GTL infrastructure Ltd, Aircel Limited, Asianet, Hyderabad Urban Development Authority, Jaypee Ventures Limited, MADC, BSNL, GAIL, ITI, IOCL, L & T, Lucent, Mahanagar Gas, MSRDC, Petronet, PGCIL, Punj Lloyd, Railways, Siemens, Spectranet, TCIL, MADC, Zee, Vindhya Telelink Limited*, besides many others. Dura-Line India is also the largest exporter of Ducts, with a supply record of several thousands of Kilometers to sophisticated markets of Europe, Middle-East and South Asia.

TOTAL SOLUTIONS PROVIDER

Dura-Line, with its rich international experience, offers World-Class Comprehensive Solutions for Ductisation and cable Installations for building Future-Proof Telecom Networks.

DUCTS FOR ALL APPLICATIONS:

(A) TELECOM DUCTS :

Dura-Line brought the concept of ducts to the Telecom World and invented and patented the concept of co-extruded permanently lubricated ducts called '**Silicore®**'. Many of the competitors of Dura-Line use imitations of '**Silicore®**' which do not give the desired performance and durability.

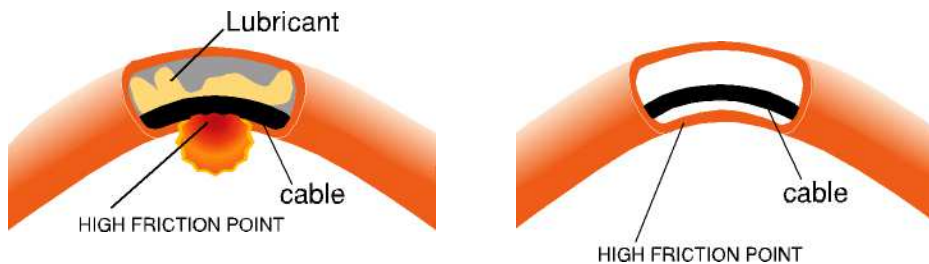
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Silicore® substantially reduces the co-efficient of friction between Duct and Optic Fibre Cable. This enabled longer pulling length of cable and introduction of optic fibre blowing technique.

The advantages of Silicore® are as under:

- It lasts as long as the Duct itself - the design life of Dura-Line ducts is 50 years
- Its co-efficient of friction does not change with time
- Does not evaporate or burn out due to heat or friction
- High volume of air does not dry it up or reduce its efficacy
- Silicore supports both blowing and pulling
- Silicore® is preferred by all Network Builders of the world and is the Industry standard for duct lubrication



Picture 1: Advantages of Silicore®

Dura-Line India offers number of innovative products, as comprehensive solutions, for all networking needs. Our valued clients in India and overseas have now deployed our Innovative Offerings as listed below and in the processing phasing out the Smooth Walled Duct. Few of the Innovative offerings are enumerated below:

- **Smooth Walled Duct** for Long Haul Network, with super slick permanent lining, Silicore®, which is the only proven Permanent Solid Lubricant. Silicore® duct facilitates longer and easier cable installation, provides flexibility for growth and enables cost effective repairs and upgrades. **(Note – The smooth walled Duct has been phased out by all our major clients)**
- **DuraSure™** (Indian Design Pending) Duct for Traceable Network. Pinpoint™ Duct provides complete traceability and depth measurement of the network underground, so essential and helpful in precisely locating the buried network for up-gradation and maintenance purposes. It also offers a check on the accuracy of As-built drawings
- **Figure-8** (Indian Design Pending) Duct for Aerial network, a solution to overcome ROW problem and high trenching costs in cities.
- **Tornado Plus™** (Indian Design Pending) Duct for enhanced blowing performance. The spirally ribbed inside construction, besides increasing the blowing speeds enables installation of extremely long cable lengths, thereby facilitating speedy and efficient network build-ups & savings costs. **Several clients have now deployed this Innovative offering**

- **Durathane™ / Firejacket™** (Indian Design Pending) Ducts, which are fire retardant for use in fire-hazardous areas and where Human safety is an issue. These ducts are with UL certification.
- **Dura-Guard™ Double Walled Corrugated** Duct is designed as a technically superior and cost effective solution for replacement of GI, RCC and PVC pipes in the fiber optic and electric cable networks
- **Large Diameter** Ducts up to 110 mm for installation of copper cables for the last mile application and a replacement of PVC pipes, used in city networks.

Innovative Solution for Optic Access Network - MICRO TECHNOLOGY

Micro Technology is a complete concept for the laying of optic access networks, which avoids the limitations of the current technology. It is based on individual micro-ducts running through a protective HDPE duct network. In these micro-ducts smaller diameter micro-cables can be installed without any splice

APPLICATIONS:

Backbone :

Override applications – Microducts are blown in an existing duct with an existing Cable and then a Micro Cable is blown through the Microduct to enhance the capacity. This takes away the hurdle of fresh ROW, cost of trenching, laying of Ducts, etc

Access Network :

Several Micro Ducts held together with a common sheath called Futurepath™, find use in installation for In-building local area networks and Fiber-to-the-home applications

Communication Network :

Local Access Network, Fibre to the kerb, fibre to the building. Broadband connectivity.

Enterprise Network :

Fibre to the desk, LAN/WAN installation.

(B) **FLUID PIPES**

- **Innovative & Versatile PE pipes :** Dura-Line India offers world class **Total Solutions in PE piping systems** to serve applications in :
 - Water Supply Schemes
 - Sewage Piping network
 - House Service Connections
 - Water/Waste/Sewage Treatment Plants
 - DM plants
 - For Infra & Environ Sector, Industrial Sector and Agricultural Sector

TOTAL ENGINEERING SUPPORT:

- Extensive Training to Network Builders / Contractors, in the Duraline Plumettaz Academy at Goa strives to improve the Quality, Versatility and Life of Fibre Optic Networks through training that promotes the use of best practices and most advanced techniques for telecom duct laying, cable installation, splicing and testing of Fibre Optic Cables.
- Expert Duct-Laying Supervision to ensure that ductisation is carried out as per recommended procedures
- Total Duct Integrity conducting scientifically designed Duct Integrity Tests using radio transmitters and prescribed procedures, to certify correct duct laying, for smooth cable installation anytime in the future.
- Advanced Cable Blowing Techniques
- Advanced Accessories & Tools