

# A Cost Effective Solution for a Lifetime of Freedom

Dura-Line offers world-class Total Solutions in Polyethylene Piping Systems (PE 63, PE 80 & compounded PE 80/PE 100 grades) to serve applications in :

## INFRA & ENVIRON SECTOR

- ◆ Water Supply Schemes
- ◆ Sewage Piping Network
- ◆ House Service Connections
- ◆ Water/waste/sewage Treatment Plants
- ◆ Dm/Ro Plants

## INDUSTRIAL SECTOR

Sugar, Chemical, Cement, Textile, Mining, Building, Process & Food Industries

- ◆ Conveyance of corrosive fluids, slurry & edible produce
- ◆ Ring/distribution lines for fire hydrant system
- ◆ Effluent/waste disposal
- ◆ Dust suppression system etc.

## AGRICULTURAL SECTOR

HDPE coiled pipes as delivery/suction pipes in jet/submersible pump applications and Sprinkler system for irrigation. These are also used for landscaping and maintenance of playground, lawn and golf course.

## DURA-LINE OFFERINGS

Innovative & Versatile PE pipe Product range in sizes from 20 mm to 1000 mm conforming to International and National standards like :

- ◆ IS 4984 for Potable Water Supply
- ◆ ISO 4427 for Potable Water Distribution
- ◆ IS 14333 for Sewerage & Industrial Effluent
- ◆ EN 12201 for Water Supply
- ◆ IS 14151 (Part I & II) for Sprinkler Irrigation Systems etc.

**Dura-Trac™**, India's first fully detectable PE pipe with built-in detectability feature, is designed to provide location of underground piping systems. Dura-Trac™ carries a co-extruded copper wire along its entire length and provides complete detectability in use with multiple frequency locator. Dura-Trac™ is supplied in coils upto sizes 110 mm O.D. and in lengths of 6/12 mtrs for sizes beyond 110 mm where every length is supplied with special jointing kit for joining of copper wire at pipe joints.

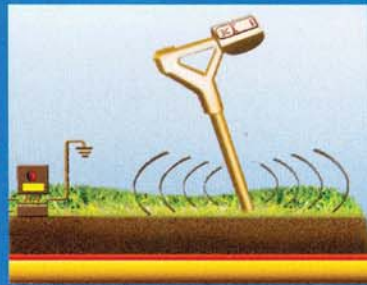




Professional Turnkey Support



Dura-Trac™—the detectable PE pipe



Versatile Fitting

## Fittings & Accessories

- ▶ **Compression fittings** : Covering sizes upto 110 mm for water supply and house service connection, in accordance with international standards, duly certified by bodies like KIWA, DVGW & Wrc
- ▶ **Molded & Fabricated fittings** like equal/unequal tees, bends, collars, flanges, capends, etc. covering the complete range

Professional Turnkey Support for design, supply, installation, jointing and testing of PE piping systems.

Dura-Line Pipes Learning Center at Goa for knowledge sharing & training on design, application, installation, jointing & testing techniques for PE piping systems.

## DURA-LINE HDPE PIPE BENEFITS

- ▶ Long life, 50-100 years
- ▶ Resistance to Corrosion/Abrasion
- ▶ Superior Flow Characteristics-no Incrustation/Deposition
- ▶ Highest 'C' value
- ▶ Leak Free
- ▶ High Ductility & Resilience
- ▶ Lowest Pumping Costs

## DURA-LINE HDPE PIPE - PROPERTIES

Properties	Value
Recommended Service Temperature	-45° C to + 55° C
Vicat Softening Temperature	125° C
Decomposition Temperature	360° C
UV Stability	Excellent
Flow Factor 'c'	150
Ph Value of Conveyed Fluids	1 to 14
Melt Flow Index	0.20 to 1.10 gms/10 min
Density	940.0 to 958.0 Kg/m <sup>3</sup>
Reversion	Less than 3%
Impact Strength	Excellent
Water Hammer Characteristics	Excellent. Surge pressures lower by 50% - 80% than other materials due to high ductility/resilience & lower modulus of elasticity
Resistance To Abrasion	Excellent
Expected Life Span	50 – 100 years

## ABOUT DURA-LINE

A-D Technologies, headquartered in Knoxville, Tennessee is the amalgamation of two industry leaders, Arnco and Dura-Line.

Dura-Line is the world's largest manufacturer of 'Silicore' Permanently Solid Lubricated HDPE Ducts, Conduits and Fluid Pipe Systems. Arnco specializes in Power and Gas Ducting solutions. A-D Technologies serves clients in over 120 countries and the current manufacturing facilities of the company are located in United States, Mexico, Czech Republic and India.

Dura-Line India has an installed capacity of 60,000 MT of fluid pipe.

Backed by a strong R&D and a large repertoire of 'cutting-edge technology' offerings, Dura-Line is ISO 9001:2000 and ISO 14001:2004 certified, and has a tradition of providing quality products and services exceeding customers' expectations.

Dura-Line India offers products, solutions and turnkey services. The solutions include end-to-end services from route designing & engineering, trenching, supply and laying of fluid pipelines, testing etc.

For further enquiries, please contact:

**DURA-LINE INDIA PVT. LTD.**

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