

मजबूती बेमिसाल...

चले सालों साल...



**DARSHAN PIPE**®

Mfg of H.D.P.E. PIPE

An ISO 9001:2015 Certified Company  
**EXPERTS IN ALL WATER**



IS : 4984



CM/L-7600018307



**Superior Quality** ■

**Light Weight** ■

**Long Life** ■

**Superior Flow Characteristics** ■

## THE COMPANY

**DARSHAN PIPE** High - quality 16mm to 200mm HDPE Pipes manufacturer and globally recognized Enterprise introducing precision build and long lasting range of HDPE Pipes. Our Pipes made of top grade PE (Polyethylene) material that is a cost effective solution for a wide range of piping issues such as Drinking Water, Sewage, Mining, Marine, Landfill, Industrial, Chemical, Gas Industries, Agricultural, etc. The manufacturing of HDPE Pipes executes under the strict inspection in accordance with the IS 4984:2016 and regulation using the latest technology, keeping safety and environmental considerations in mind. Our infrastructure is spread in large area and is equipped with latest and technologically advanced machines to deliver small or bulk orders with excellence. We have an in house R&D facility to develop innovative products and Laboratory in order to provide products as per ISI Standards.

## ABOUT US

**DARSHAN PIPE** is one of the most renowned manufacturer and supplier of high quality HDPE Pipes and Fittings. The manufacturing of HDPE Pipes executes under the strict inspection in accordance to the International standard and regulation using the latest technology, keeping safety and environmental considerations in mind. Correspondingly every finished product undergoes different quality tests including visual testing, dimensional testing and hydrostatic testing followed by manufacturing in order to deliver sustained quality HDPE pipes that last for a lifetime.

Our HDPE Pipes have rugged design, sturdy construction, flawless finish, dimensional precision, high strength, leakage proof, easy to fit, excellent durability, high pressure tolerance, high temperature tolerance, longer service life and outstanding performance under the harshest conditions are the irresistible benefits of HDPE pipes manufactured by **DARSHAN PIPE**.

We served thousands of industries and hence we are proficient to serve nearly every industry like agriculture, gardening, food processing, distillery and beverages, pharmaceuticals, chemical processing, oil and gas refining, power mining and oil drilling.

## HDPE PIPES

HDPE Pipes are extremely useful and very well known in industrial water applications for a long time. As the Piping material HDPE (High Density Polyethylene) is durable and tough to survive job site installations. These unique performance properties make it useful for different construction techniques and a broad range of applications. HDPE pipes are eco friendly as HDPE can be melting and reforming. Our HDPE pipes are fabricate using modern technology and improvising high quality factor ingredients which have enabled us to attain the satisfaction of our users and attain a position of repute in the field. Our HDPE Pipes are safer due to operating pressure capabilities, Excellent insulating quality with minimum heat transfer, highly resistant to corrosion, Chemicals which makes it fits according to users need and expectation. HDPE coil pipes are designed as per as industry standards, and they are known for their durability and high tensile strength. HDPE pipes are in great demand due to their features and cost effectiveness. These features including high strength to density ratio, which makes them suitable for underground applications where vibrations are common. Installation of these pipes is very easy and smooth. They are strong, transportable and easily replaceable.

## FEATURES OF HDPE PIPES

- Zero leaks
- High C Factor
- Easy to handle
- High Flexibility
- High Durability
- Light Weighted
- Superior Quality
- Tough and strong
- Perfect Weld Ability
- Withstand High Pressure
- Easy Joining and Repairing
- Low Coefficient of Friction
- No Weak Joint and No Leakage
- Non-Toxic and Fully Inert in Contact with Water
- No Narrowing of the Gauge of Water Passage Over Long Term Use
- No Deposits of Lime are Formed, No Impact on Odour, Taste of Water
- High Resistant to Chemicals, Abrasion, Disturbances, Corrosion, Fatigue

## APPLICATIONS OF HDPE PIPES

The advantages properties of HDPE pipes make them suitable for various applications.

- Portable Water Supply
- Flood Sprinkle, Drip irrigation Micro & Sprinkler Irrigation Systems
- Sewage and Solid Waste Management Pipelines.
- Underground Pipelines
- Chilled Water Circulation
- Gas Transportation
- Electrical Cables Installations
- Building, Land, Industrial Waste Water Drainage System
- Hazardous, Municipal Corporation, Chemical Waste Drainage Lines
- Lift and Gravity Water Supply Systems
- Sewerage Pumping and Effluent Disposal Systems.
- Agriculture: Used for Spraying Long length delivery of water, Pesticides,
- Air compressors, Delivery Hose, and Suction.



## WALL THICKNESS OF PIPES AS PER IS: 4984 - 2016

SDR		SDR 41		SDR33		SDR 26		SDR 21		SDR 17		SDR 13.6		SDR 11	
Grade	PE63	PN 2		PN 2.5		PN 3.2		PN 4		PN 5		PN 6		PN 8	
	PE80	PN 2.5		PN 3.2		PN 4		PN 5		PN 6		PN 8		PN 10	
	PE100	PN 3		PN 4		PN 5		PN 6		PN 8		PN 10		PN 12.5	
Pipe OD		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
INCH	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
½	20													1.9	2.2
¾	25											1.9	2.2	2.3	2.6
1	32									1.9	2.2	2.4	2.7	2.9	3.3
1¼	40							1.9	2.2	2.4	2.7	3.0	3.4	3.7	4.2
1½	50					2.0	2.3	2.4	2.7	3.0	3.4	3.7	4.2	4.6	5.2
2	63					2.5	2.9	3.0	3.4	3.7	4.2	4.7	5.3	5.8	6.5
2½	75	1.9	2.2	2.3	2.6	2.9	3.3	3.6	4.1	4.5	5.1	5.6	6.3	6.9	7.7
3	90	2.2	2.5	2.8	3.2	3.5	4.0	4.3	4.8	5.3	5.9	6.7	7.5	8.2	9.1
4	110	2.7	3.1	3.4	3.8	4.3	4.8	5.9	6.6	6.5	7.3	8.1	9.0	10.0	11.1
5	125	3.1	3.5	3.8	4.3	4.8	5.4	6.0	6.7	7.4	8.2	9.2	10.2	11.4	12.7
5½	140	3.5	4.0	4.3	4.8	5.4	6.0	6.7	7.5	8.3	9.2	10.3	11.4	12.8	14.2
6	160	3.9	4.4	4.9	5.5	6.2	6.9	7.7	8.6	9.5	10.6	11.8	13.1	14.6	16.2
7	180	4.4	4.9	5.5	6.2	7.0	7.8	8.6	9.6	10.6	11.8	13.3	14.7	16.4	18.1
8	200	4.9	5.5	6.1	6.8	7.7	8.6	9.6	10.7	11.8	13.1	14.7	16.3	18.2	20.1

*The measure of  
Quality & Service*




**DARSHAN PIPE**<sup>®</sup>  
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