

HDPE Pipes

IS : 4984

Description

VIP HDPE water pipes are ideal for fulfilling water supply requirements. They are certified for human consumption with regard to delivering quality water and are a perfect substitute for GI/DI pipes. Made with Polyethylene, they have excellent SCGR (slow crack growth resistance) properties and superior hydrostatic strength with durability for long life expectancy. The lightweight and flexible design makes for faster and easier installations.



Product Range

Size : 20mm – 400mm

Pressure Class : 2.5kgf – 16kgf

PE Grade : PE63, PE80, PE100

Salient Features

- High reliability and proven service performance
- Resistance to low temperature
- High impact resistance
- Abrasion resistance
- Excellent flow characteristics

- Excellent chemical and corrosion resistance
- Long service life
- Great flexibility, light weight, easy and fast installation.
- Excellent water hammer resistance.
- Ideal in shifting soil condition and earthquake prone areas.

Dimensions

Dimension of PE Pipe : 4984 : 2016 (With Amendment)						
PE63	PN-2.5	PN-3.2	PN-4	PN-5	PN-6	PN-8
PE80	PN-3.2	PN-4	PN-5	PN-6	PN-8	PN-10
PE100	PN-4	PN-5	PN-6	PN-8	PN-10	PN-12.5
SDR	SDR-33	SDR-26	SDR-21	SDR-17	SDR-13.6	SDR-11
OD (MM)	Wall Thickness (mm)					
20						2.05
25					2.05	2.45
32				2.05	2.55	3.1
40			2.05	2.55	3.3	3.95
50		2.15	2.55	3.2	3.95	4.9
63		2.7	3.2	3.95	5	6.15
75	2.45	3.1	3.85	4.8	5.95	7.3
90	3	4.25	4.55	5.6	7.1	8.65
110	3.6	4.55	5.65	6.9	8.55	10.55
125	4.05	5.1	6.35	7.8	9.7	12.05
140	4.55	5.7	7.1	8.75	10.85	13.5
160	5.2	6.55	8.15	10.05	12.45	15.4
180	5.85	7.4	9.1	11.2	14	17.25
200	6.45	8.15	9.65	12.45	15.5	19.15

225	7.3	9.2	11.4	14	17.5	21.6
250	8.05	10.25	12.65	15.5	19.35	

Applications

- Potable Water Transportation for Civil Infrastructure
- Plumbing Water Distribution
- Above Ground Drainage System
- Pipes for Borewell
- Underground Drain