

IdOL



➤ HDPE
PIPE



IdOL High Density Polyethylene Pipes (HDPE Pipes)

» HDPE Pipes are Manufactured from Grades PE 63, PE 80 and PE 100 and is an ideal Replacement of GI and MS Pipes.

Application

- » Water Supply for Irrigation.
- » Drip Irrigation System.
- » Sprinkler Irrigation System.
- » Drawing Water from Dams and Borewell for Water Distribution.
- » External & Internal Drainage and Sewage.
- » Salt Water Handling.
- » Telecommunication Cable Ducting for Domestic and Industrial use.

Advantages

- » Light in Weight and Easy to Carry as Compared to GI & MS Pipes.
- » Low Transportation and Installation Cost.
- » Available in Suitable Coils from 50 Meter to 500 Meter as Well as in Straight Lengths of 6 Meter.
- » Non-corrosive.
- » Transfer of Heat is Much Lower.
- » Chemically Inert and UV Resistant.
- » Good Elasticity & Strength Property.
- » Smooth Inner Surface Prevents Growth of Bacteria Hence Making Pumping Easier and Faster.

Specification

- » High quality HDPE pipes are manufactured as per specification no. IS: 4984/1995 of the bureau of Indian Standards.
- » HDPE pipes are available in sizes ranging from 20mm - 200mm od with 2.5, 4, 6, 8, 10, 12.5 and 16kg/cm² pressure rating.

IdOL HDPE Spray/Pressure Pipe

- » Insecticide Spraying
- » Compressed Air and Gas application

Dimension & Pressure Rating Chart for IdOL HDPE Pipe (PE - 63)

Inch	Size	PN 2.5		PN 4		PN 6		PN 8		PN 10		PN 12.5		PN 16	
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
0.5"	20									2.3	2.8	2.8	3.3	3.4	4.0
0.75"	25							2.3	2.8	2.8	3.3	3.4	4.0	4.2	4.9
1.0"	32					2.3	2.8	3.0	3.5	3.6	4.2	4.4	5.1	5.4	6.2
1.25"	40			2.0	2.4	2.8	3.3	3.7	4.3	4.5	5.2	5.5	6.3	6.7	7.6
1.5"	50			2.4	2.9	3.5	4.1	4.6	5.3	5.6	6.4	6.8	7.7	8.4	9.5
2.0"	63	2.0	2.4	3.0	3.5	4.4	5.1	5.8	6.6	7.0	7.9	8.6	9.7	10.5	11.8
2.5"	75	2.3	2.8	3.6	4.2	5.3	6.1	6.9	7.8	8.4	9.5	10.2	11.5	12.5	14.0
3.0"	90	2.8	3.3	4.3	5.0	6.3	7.2	8.2	9.3	10.0	11.2	12.2	13.7	15.2	16.7
4.0"	110	3.4	4.0	5.3	6.1	7.7	8.7	10.0	11.2	12.3	13.8	14.9	16.6	18.4	20.5
4.5"	125	3.8	4.0	6.0	6.8	8.8	9.9	11.4	12.8	13.9	15.5	16.9	18.8	20.9	23.2
5.0"	140	4.3	5.0	6.7	7.6	9.8	11.0	12.8	14.3	15.6	17.4	19.0	21.1	23.4	26.0
6.0"	160	4.9	5.6	7.7	8.7	11.2	12.6	14.6	16.3	17.8	19.8	21.7	24.1	26.7	29.6
7.0"	180	5.5	6.3	8.6	9.7	12.6	14.1	16.4	18.3	20.0	22.2	24.4	27.1	30.0	33.2
8.0"	200	6.1	7.0	9.6	10.8	14.0	15.6	18.2	20.3	22.3	24.8	27.1	30.1	33.4	37.0