

'AERO' PIPES

CHARACTERISTICS :

- Corrosion Resistant • Flexible • Tough
- Chemically Inert • Abrasion Resistant • Smooth Surface
- Easy & Quick Installation

APPLICATIONS :

- Slurry Transportation • Potable Water Supply
- Industrial Effluents • Irrigation / Agriculture
- Sewerage & Drainage • Sprinkler System
- Gas Transmission

'AERO' HDPE PIPES IS : 4984 : 1995

WITH LATEST AMENDMENT

MATERIAL GRADE PE 80 & MATERIAL GRADE PE 100 :

AVAILABLE SIZE : 20 MM to 315 MM



'AERO' HDPE PIPES

Aerochem Piping Pvt. Ltd. It's a name that signifies quality with accuracy in the area of Polypropylene and High Density Polyethylene (HDPE) pipes, manufacturing them under the brand **"Aero"** Pipe. The expansion is a mark of hard work and persistence of the company. Aerochem Piping Pvt.Ltd.is a dynamic name symbolizing quality and accuracy.

"Aero" HDPE Pipes are manufactured as per IS 4984 : 1995, ISO 4427, DIN 8074, up to 315 mm in all pressure class manufacturing from material grade PE 63, PE 80, PE 100. Also, planning to get another standards like IS 14333 :1996,IS 14151 :1994 within very short period.



ISI:4984



CM/L:7887513

HDPE, PP Pipes

'AERO' HDPE PIPES IS : 4984 : 1995 WITH LATEST AMENDMENT (MATERIAL GRADE PE 80)

NOMINAL DIA.	PN 2.5		PN 4		PN 6		PN 8		PN 10	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
20										
25									2.3	2.8
32							2.4	2.9	3.0	3.5
40					2.3	2.8	3.0	3.5	3.7	4.3
50			2.3	2.8	2.9	3.4	3.8	4.4	4.6	5.3
63			2.5	3.0	3.6	4.2	4.7	5.4	5.8	6.6
75			2.9	3.4	4.3	5.0	5.6	6.4	6.9	7.8
90	2.3	2.8	3.5	4.1	5.1	5.9	6.7	7.6	8.2	9.3
110	2.7	3.2	4.3	5.0	6.3	7.2	8.2	9.3	10.0	11.2
125	3.1	3.7	4.9	5.6	7.1	8.1	9.3	10.5	11.4	12.8
140	3.5	4.1	5.4	6.2	8.0	9.0	10.4	11.7	12.8	14.3
160	4.0	4.6	6.2	7.1	9.1	10.3	11.9	13.3	14.6	16.3
180	4.4	5.1	7.0	7.9	10.2	11.5	13.4	15.0	16.4	18.3
200	4.9	5.6	7.7	8.7	11.4	12.8	14.9	16.6	18.2	20.3
225	5.5	6.3	8.7	9.8	12.8	14.3	16.7	18.6	20.5	22.8
250	6.1	7.0	9.7	10.9	14.2	15.9	18.6	20.7	22.8	25.3
280	6.9	7.8	10.8	12.1	15.9	17.7	20.8	23.1	25.5	28.3
315	7.7	8.7	12.2	13.7	17.9	19.9	23.4	26.0	28.7	31.8

(ALL DIMENSION IN MM.)

'AERO' HDPE PIPES IS : 4984 : 1995 WITH LATEST AMENDMENT (MATERIAL GRADE PE 100)

NOMINAL DIA.	PN 6		PN 8		PN 10	
	Min.	Max.	Min.	Max.	Min.	Max.
20						
25						
32					2.4	2.9
40			2.4	2.9	3.0	3.5
50	2.3	2.8	3.0	3.5	3.7	4.3
63	2.9	3.4	3.8	4.4	4.7	5.4
75	3.5	4.1	4.5	5.2	5.6	6.4
90	4.1	4.8	5.4	6.2	6.7	7.6
110	5.0	5.7	6.6	7.5	8.1	9.2
125	5.7	6.5	7.5	8.5	9.2	10.4
140	6.4	7.3	8.4	9.5	10.3	11.6
160	7.3	8.3	9.6	10.8	11.8	13.2
180	8.2	9.3	10.8	12.1	13.3	14.9
200	9.1	10.3	12.0	13.4	14.8	16.5
225	10.3	11.6	13.5	15.1	16.6	18.5
250	11.4	12.8	15.0	16.7	18.4	20.5
280	12.8	14.3	16.8	18.7	20.6	22.9
315	14.4	16.1	18.9	21.0	23.2	25.8

(ALL DIMENSION IN MM.)



An ISO 9001:2008 Company



'AERO' HDPE PIPES IS : 4984 : 1995

WITH LATEST AMENDMENT

MATERIAL GRADE PE 63 :

AVAILABLE SIZE :

20MM to 315MM

'AERO' PP/PPH PIPES AS PER DIN : 8077

AVAILABLE SIZE :

20 MM to 315 MM

'AERO' HDPE PIPES

**'AERO' HDPE PIPES IS : 4984 : 1995 WITH LATEST AMENDMENT
(MATERIAL GRADE PE 63)**

NOMINAL	PN 2.5		PN 4		PN 6		PN 8		PN 10	
DIA.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
20									2.3	2.8
25							2.3	2.8	2.8	3.3
32					2.3	2.8	3.0	3.5	3.6	4.2
40			2.0	2.4	2.8	3.3	3.7	4.3	4.5	5.2
50			2.4	2.9	3.5	4.1	4.6	5.3	5.6	6.4
63	2.0	2.4	3.0	3.5	4.4	5.1	5.8	6.6	7.0	7.9
75	2.3	2.8	3.6	4.2	5.3	6.1	6.9	7.8	8.4	9.5
90	2.8	3.3	4.3	5.0	6.3	7.2	8.2	9.3	10.0	11.2
110	3.4	4.0	5.3	6.1	7.7	8.7	10.0	11.2	12.3	13.8
125	3.8	4.4	6.0	6.8	8.8	9.9	11.4	12.8	13.9	15.5
140	4.3	5.0	6.7	7.6	9.8	11.0	12.8	14.3	15.6	17.4
160	4.9	5.6	7.7	8.7	11.2	12.6	14.6	16.3	17.8	19.8
180	5.5	6.3	8.6	9.7	12.6	14.1	16.4	18.3	20.0	22.2
200	6.1	7.0	9.6	10.8	14.0	15.6	18.2	20.3	22.3	24.8
225	6.9	7.8	10.8	12.1	15.7	17.5	20.5	22.8	25.0	27.7
250	7.6	8.6	12.0	13.4	17.5	19.5	22.8	25.3	27.8	30.8
280	8.5	9.6	13.4	15.0	19.6	21.8	25.5	28.3	31.2	34.6
315	9.6	10.8	15.0	16.7	22.0	24.4	28.7	31.8	35.0	38.7

(ALL DIMENSION IN MM.)



'AERO' PP / PPH PIPES AS PER DIN : 8077

NOMINAL	2.5 Kg/cm ²	4 Kg/cm ²	6 Kg/cm ²	10 Kg/cm ²	16 Kg/cm ²
DIA.	Thickness	Thickness	Thickness	Thickness	Thickness
20				1.9	2.8
25				2.3	3.5
32				2.9	4.4
40		1.8	2.3	3.7	5.5
50		2.0	2.9	4.6	6.9
63		2.5	3.6	5.8	8.6
75		2.9	4.3	6.8	10.3
90		3.5	5.1	8.2	12.3
110		4.2	6.3	10.0	15.1
125	3.1	4.8	7.1	11.4	17.1
140	3.5	5.4	8.0	12.7	19.2
160	4.0	6.2	9.1	14.6	21.9
180	4.4	6.9	10.2	16.4	24.6
200	4.9	7.7	11.4	18.2	27.4
225	5.5	8.6	12.8	20.5	30.8
250	6.2	9.6	14.2	22.7	34.2
280	6.9	10.7	15.9	25.4	38.3
315	7.7	12.1	17.9	28.6	

(ALL DIMENSION IN MM.)

