



MEDIUM DENSITY POLYETHYLENE PIPE (MDPE)

INTRODUCTION

- We are one of the largest manufacturers of MDPE pipes with clientele situated across the country. Our MDPE pipes are compliant to ISO 9001:2015.
- MDPE pipes are light weight, flexible and durable
- Suitable for Gas Distribution Pipe & Potable Water supply





ADVANTAGES

- Light weight, flexible and durable.
- Crack resistant.
- Robust construction with high impact strength.
- Suitable for cold and waste water distribution system.
- Low friction losses due to excellent smooth internal surface.
- Resistant to chemical reaction, bacterial growth, corrosion, rusting etc.



MDPE PE80 Dimension Chart (As Per ISO 4427)

SIZE / OD	OD		PN 25		PN 20		PN 16		PN 12.5		PN 10		PN08	
			Wall Thick		Wall Thick		Wall Thick		Wall Thick		Wall Thick		Wall Thick	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
16 + 0.3	16	16.3	3	3.4	2.3	2.7	2	2.3	-	-	-	-	-	-
20 + 0.3	20	20.3	3.4	3.9	3	3.4	2.3	2.7	2	2.3	-	-	-	-
25 + 0.3	25	25.3	4.2	4.8	3.5	4	3	3.4	2.3	2.7	2	2.3	-	-
32 + 0.3	32	32.3	5.4	6.1	4.4	5	3.6	4.1	3	3.4	2.4	2.8	2	2.3
40 + 0.4	40	40.4	6.7	7.5	5.5	6.2	4.5	5.1	3.7	4.2	3	3.5	2.4	2.8
50 + 0.4	50	50.4	8.3	9.3	6.9	7.7	5.6	6.3	4.6	5.2	3.7	4.2	3	3.4
63 + 0.4	63	63.4	10.5	11.7	8.6	9.6	7.1	8	5.8	6.5	4.7	5.3	3.8	4.3
75 + 0.5	75	75.5	12.5	13.9	10.3	11.5	8.4	9.4	6.8	7.6	5.6	6.3	4.5	5.1
90 + 0.6	90	90.6	15	16.7	12.3	13.7	10.1	11.3	8.2	9.2	6.7	7.5	5.4	6.1
110 + 0.7	110	110.7	18.3	20.3	15.1	16.8	12.3	13.7	10	11.1	8.1	9.1	6.6	7.4
125 + 0.8	125	125.8	20.8	23	17.1	19	14	15.6	11.4	12.7	9.2	10.3	7.4	8.3
140 + 0.9	140	140.9	23.3	25.8	19.2	21.3	15.7	17.4	12.7	14.1	10.3	11.5	8.3	9.3
160 + 1.0	160	161	26.6	29.4	21.9	24.2	17.9	19.8	14.6	16.2	11.8	13.1	9.5	10.6
180 + 1.1	180	181.1	29.9	33	24.6	27.2	20.1	22.3	16.4	18.2	13.3	14.8	10.7	11.9
200 + 1.2	200	201.2	33.2	36.7	27.4	30.3	22.4	24.8	18.2	20.2	14.7	16.3	11.9	13.2
225 + 1.4	225	226.4	37.4	41.3	30.8	34	25.2	27.9	20.5	22.7	16.6	18.4	13.4	14.9
250 + 1.5	250	251.5	41.5	45.8	34.2	37.8	27.9	30.8	22.7	25.1	18.4	20.4	14.8	16.4
280 + 1.7	280	281.7	46.5	51.3	38.3	42.3	31.3	34.6	25.4	28.1	20.6	22.8	16.6	18.1
315 + 1.9	315	316.9	52.3	57.7	43.1	47.6	35.2	38.9	28.6	31.6	23.2	25.7	18.7	20.7
355 + 2.2	355	357.2	59	65	48.5	53.5	39.7	43.8	32.2	35.6	26.1	28.9	21.1	23.4
400 + 2.4	400	402.4	0	0	54.7	60.3	44.7	49.3	36.3	40.1	29.4	32.5	23.7	26.2



MDPE PE100 Dimension Chart (As Per ISO 4427)												
SIZE / OD	OD		PN 25		PN 20		PN 16		PN 12.5		PN 10	
			Wall Thick		Wall Thick		Wall Thick		Wall Thick		Wall Thick	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
16 + 0.3	16	16.3	2.3	2.7	2	2.3	–	–	–	–	–	–
20 + 0.3	20	20.3	3	3.4	2.3	2.7	2	2.3	–	–	–	–
25 + 0.3	25	25.3	3.5	4	3	3.4	2.3	2.7	2	2.3	–	–
32 + 0.3	32	32.3	4.4	5	3.6	4.1	3	3.4	2.4	2.8	2	2.3
40 + 0.4	40	40.4	5.5	6.2	4.5	5.1	3.7	4.2	3	3.5	2.4	2.8
50 + 0.4	50	50.4	6.9	7.7	5.6	6.3	4.6	5.2	3.7	4.2	3	3.4
63 + 0.4	63	63.4	8.6	9.6	7.1	8	5.8	6.5	4.7	5.3	3.8	4.3
75 + 0.5	75	75.5	10.3	11.5	8.4	9.4	6.8	7.6	5.6	6.3	4.5	5.1
90 + 0.6	90	90.6	12.3	13.7	10.1	11.3	8.2	9.2	6.7	7.5	5.4	6.1
110 + 0.7	110	110.7	15.1	16.8	12.3	13.7	10	11.1	8.1	9.1	6.6	7.4
125 + 0.8	125	125.8	17.1	19	14	15.6	11.4	12.7	9.2	10.3	7.4	8.3
140 + 0.9	140	140.9	19.2	21.3	15.7	17.4	12.7	14.1	10.3	11.5	8.3	9.3
160 + 1.0	160	161	21.9	24.2	17.9	19.8	14.6	16.2	11.8	13.1	9.5	10.6
180 + 1.1	180	181.1	24.6	27.2	20.1	22.3	16.4	18.2	13.3	14.8	10.7	11.9
200 + 1.2	200	201.2	27.4	30.3	22.4	24.8	18.2	20.2	14.7	16.3	11.9	13.2
225 + 1.4	225	226.4	30.8	34	25.2	27.9	20.5	22.7	16.6	18.4	13.4	14.9
250 + 1.5	250	251.5	34.2	37.8	27.9	30.8	22.7	25.1	18.4	20.4	14.8	16.4
280 + 1.7	280	281.7	38.3	42.3	31.3	34.6	25.4	28.1	20.6	22.8	16.6	18.1
315 + 1.9	315	316.9	43.1	47.6	35.2	38.9	28.6	31.6	23.2	25.7	18.7	20.7
355 + 2.2	355	357.2	48.5	53.5	39.7	43.8	32.2	35.6	26.1	28.9	21.1	23.4
400 + 2.4	400	402.4	54.7	60.3	44.7	49.3	36.3	40.1	29.4	32.5	23.7	26.2



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