



HIGH DENSITY POLYETHYLENE PIPE (HDPE)

INTRODUCTION

- We are a prominent HDPE pipe manufacturer with history of ZERO leaks
- Our pipes offers a strong, durable, and cost-effective solution for Potable Water Supply, Irrigation and Bore-Well applications
- Availability from 20mm to 200mm diameters at all working pressure and grades
- Certification: **IS 4984** for potable water in HDPE pipes





ADVANTAGES

- STRONG & DURABLE
- LIGHT WEIGHT
- CONVENIENT JOINTING
- LEAK PROOF
- ENERGY SAVING
- RESISTANT TO MOISTURE, CORROSION, ABRASION & WEARING
- TERMITE PROOF AND UV RESISTANT
- LONGER LASTING & MAINTENANCE FREE

HDPE PE63 Dimension Chart (As Per IS 4984)

SIZE / OD	OD		PN 2.5		PN 4		PN 6		PN 8		PN 10		PN 12.5		PN 16	
			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	Min	Max
20 + 0.3	20	20.3	-	-	-	-	-	-	-	-	2.3	2.8	2.8	3.3	3.4	4
25 + 0.3	25	25.3	-	-	-	-	-	-	2.3	2.8	2.8	3.3	3.4	4.2	4.2	4.9
32 + 0.3	32	32.3	-	-	-	-	2.3	2.8	3	3.5	3.6	4.2	4.4	5.4	5.4	6.2
40 + 0.4	40	40.4	-	-	2	2.4	2.8	3.3	3.7	4.3	4.5	5.2	5.5	6.7	6.7	7.6
50 + 0.5	50	50.5	-	-	2.4	2.9	3.5	4.1	4.6	5.3	5.6	6.4	6.8	8.4	8.4	9.5
63 + 0.6	63	63.6	2	2.4	3	3.5	4.4	5	5.8	6.6	7	7.9	8.6	10.5	10.5	11.8
75 + 0.7	75	75.7	2.3	2.8	3.6	4.2	5.3	6.1	6.9	7.8	8.4	9.5	10.2	12.5	12.5	14
90 + 0.9	90	90.9	2.8	3.3	4.3	5	6.3	7.2	8.2	9.3	10	11.2	12.2	15	15	16.7
110 + 1.0	110	111	3.4	4	5.3	6.1	7.7	8.7	10	11.2	12.3	13.8	14.9	18.4	18.4	20.5
125 + 1.2	125	126	3.8	4.4	6	6.8	8.8	9.9	11.4	12.8	13.9	15.5	16.9	20.9	20.9	23.2
140 + 1.3	140	141	4.3	5	6.7	7.6	9.8	11	12.8	14.3	15.6	17.4	19	23.4	23.4	26
160 + 1.5	160	162	4.9	5.6	7.7	8.7	11.2	12.6	14.6	16.3	17.8	19.8	21.7	26.7	26.7	29.6
180 + 1.7	180	182	5.5	6.3	8.6	9.7	12.6	14.1	16.4	18.3	20	22.2	24.4	30	30	33.2
200 + 1.8	200	202	6.1	7	9.6	10.8	14	15.6	18.2	20.3	22.3	24.8	27.1	33.4	33.4	37
225 + 2.1	225	227	6.9	7.8	10.8	12.1	15.7	17.5	20.5	22.8	25	27.7	30.5	37.5	37.5	41.5
250 + 2.3	250	252	7.6	8.6	12	13.4	17.5	19.5	22.8	25.3	27.8	30.8	33.8	41.7	41.7	46.1
280 + 2.6	280	283	8.5	9.6	13.4	15	19.6	21.8	25.5	28.3	31.2	34.6	37.9	46.7	46.7	51.6
315 + 2.9	315	318	9.6	10.8	15	16.7	22	24.4	28.7	31.8	35	38.7	42.6	52.5	52.5	58
355 + 3.2	355	358	10.8	12.1	17	18.9	24.8	27.5	32.3	35.8	39.5	43.7	48	53	59.2	65.4
400 + 3.6	400	404	12.2	14.3	19.1	22.2	28	32.4	36.4	42.1	44.5	51.4	54.1	62.5	-	-



HDPE PE80 Dimension Chart (As Per IS 4984)

SIZE / OD	OD		PN 2.5		PN 4		PN 6		PN 8		PN 10		PN 12.5		PN 16	
			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	Min	Max
20 + 0.3	20	20.3	—	—	—	—	—	—	—	—	—	—	2.3	2.8	2.8	3.3
25 + 0.3	25	25.3	—	—	—	—	—	—	—	—	2.3	2.8	2.8	3.3	3.5	4.1
32 + 0.3	32	32.3	—	—	—	—	—	—	2.4	2.9	3	3.5	3.6	4.2	4.5	5.2
40 + 0.4	40	40.4	—	—	—	—	2.3	2.8	3	3.5	3.7	4.3	4.5	5.2	5.6	6.4
50 + 0.5	50	50.5	—	—	2.3	2.8	2.9	3.4	3.8	4.4	4.6	5.3	5.6	6.4	6.9	7.8
63 + 0.6	63	63.6	—	—	2.5	3	3.6	4.2	4.7	5.4	5.8	6.6	7	7.9	8.7	9.8
75 + 0.7	75	75.7	—	—	2.9	3.4	4.3	5	5.6	6.4	6.9	7.8	8.4	9.5	10	12
90 + 0.9	90	90.9	2.3	2.8	3.5	4.1	5.1	5.9	6.7	7.6	8.2	9.3	10	11	13	14
110 + 1.0	110	111	2.7	3.2	4.3	5	6.3	7.2	8.2	9.3	10	11	12	14	15	17
125 + 1.2	125	126	3.1	3.7	4.9	5.6	7.1	8.1	9.3	11	11	13	14	16	17	19
140 + 1.3	140	141	3.5	4.1	5.4	6.2	8	9	10	12	13	14	16	17	19	22
160 + 1.5	160	162	4	4.6	6.2	7.1	9.1	10	12	13	15	16	18	20	22	25
180 + 1.7	180	182	4.4	5.1	7	7.9	10	12	13	15	16	18	20	22	25	28
200 + 1.8	200	202	4.9	5.6	7.7	8.7	11	13	15	17	18	20	22	25	28	31
225 + 2.1	225	227	5.5	6.3	8.7	9.8	13	14	17	19	21	23	25	28	31	35
250 + 2.3	250	252	6.1	7	9.7	11	14	16	19	21	23	25	28	31	35	38
280 + 2.6	280	283	6.9	7.8	11	12	16	18	21	23	26	28	31	35	39	43
315 + 2.9	315	318	7.7	8.7	12	14	18	20	23	26	29	32	35	39	44	48
355 + 3.2	355	358	8.7	9.8	14	15	20	22	26	29	32	36	40	44	49	54
400 + 3.6	400	404	9.8	12	15	18	23	26	30	34	36	42	45	51	55	64

HDPE PE100 Dimension Chart (As Per IS 4984)

SIZE / OD	OD		PN 6		PN 8		PN 10		PN 12.5		PN 16	
			Wall Thick		Wall Thick		Wall Thick		Wall Thick		Wall Thick	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
20 + 0.3	20	20.3	—	—	—	—	—	—	—	—	2.3	2.8
25 + 0.3	25	25.3	—	—	—	—	—	—	2.3	2.8	2.9	3.4
32 + 0.3	32	32.3	—	—	—	—	2.4	2.9	2.9	3.4	3.7	4.3
40 + 0.4	40	40.4	—	—	2.4	2.9	3	3.5	3.7	4.3	4.6	5.3
50 + 0.5	50	50.5	2.3	2.8	3	3.5	3.7	4.3	4.6	5.3	5.7	6.5
63 + 0.6	63	63.6	2.9	3.4	3.8	4.4	4.7	5.4	5.7	6.5	7.1	8.1
75 + 0.7	75	75.7	3.5	4.1	4.5	5.2	5.6	6.4	6.8	7.7	8.5	9.6
90 + 0.9	90	90.9	4.1	4.8	5.4	6.2	6.7	7.6	8.2	9.3	10	12
110 + 1.0	110	111	5	5.7	6.6	7.5	8.1	9.2	10	11	12	14
125 + 1.2	125	126	5.7	6.5	7.5	8.5	9.2	10	11	13	14	16
140 + 1.3	140	141	6.4	7.3	8.4	9.5	10	12	13	14	16	18
160 + 1.5	160	162	7.3	8.3	9.6	11	12	13	15	16	18	20
180 + 1.7	180	182	8.2	9.3	11	12	13	15	16	18	20	23
200 + 1.8	200	202	9.1	10	12	13	15	17	18	20	23	25
225 + 2.1	225	227	10	12	14	15	17	19	20	23	25	28
250 + 2.3	250	252	11	13	15	17	18	21	23	25	28	31
280 + 2.6	280	283	13	14	17	19	21	23	25	28	32	35
315 + 2.9	315	318	14	16	19	21	23	26	29	32	36	39
355 + 3.2	355	358	16	18	21	24	26	29	32	36	40	44
400 + 3.6	400	404	18	21	24	28	30	34	36	42	45	52



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