

# HDPE PIPES FOR POTABLE WATER SUPPLY AS PER IS: 4984

Grade of Material				SDR 41	SDR 33	SDR 26	SDR 21	SDR 17	SDR 13.6	SDR 11	SDR 9	SDR 7.4	SDR 6												
				NOMINAL PRESSURE (PN) bar																					
PE 63				PN 2	PN 2.5	PN 3.2	PN 4	PN 5	PN 6	PN 8															
PE 80				PN 2.5	PN 3.2	PN 4	PN 5	PN 6	PN 8	PN 10	PN 12.5	PN 16	PN 20												
PE 100				PN 3	PN 4	PN 5	PN 6	PN 8	PN 10	PN 12.5	PN 16	PN 20													
Nominal Size	OD (mm)		Ovality	Wall Thickness (in mm)																					
	MIN	MAX		MM	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX			
16	16	16.3	1.2															1.8	2.1	2.2	2.5	2.7	3.1		
20	20	20.3	1.2															1.9	2.2	2.3	2.6	2.7	3.1	3.4	3.8
25	25	25.3	1.2												1.9	2.2	2.3	2.6	2.8	3.2	3.4	3.8	4.2	4.7	
32	32	32.3	1.3									1.9	2.2	2.4	2.7	2.9	3.3	3.6	4.1	4.4	4.9	5.4	6		
40	40	40.4	1.4						1.9	2.2	2.4	2.7	3	3.4	3.7	4.2	4.5	5.1	5.4	6	6.7	7.5			
50	50	50.4	1.4					2	2.3	2.4	2.7	3	3.4	3.7	4.2	4.6	5.2	5.6	6.3	6.8	7.6	8.4	9.3		
63	63	63.4	1.5					2.5	2.9	3	3.4	3.7	4.2	4.7	5.3	5.8	6.5	7	7.8	8.6	9.6	10.5	11.7		
75	75	75.5	1.6	1.9	2.2	2.3	2.6	2.9	3.3	3.6	4.1	4.5	5.1	5.6	6.3	6.9	7.7	8.4	9.3	10.2	11.3	12.5	13.9		
90	90	90.6	1.8	2.2	2.5	2.8	3.2	3.5	4	4.3	4.8	5.3	5.9	6.7	7.5	8.2	9.1	10	11.1	12.2	13.5	15	16.6		
110	110	110.7	2.2	2.7	3.1	3.4	3.8	4.3	4.8	5.3	6	6.5	7.3	8.1	9	10	11.1	12.3	13.6	14.9	16.5	18.4	20.3		
125	125	125.8	2.5	3.1	3.5	3.8	4.3	4.8	5.4	6	6.7	7.4	8.2	9.2	10.2	11.4	12.7	13.9	15.4	16.9	18.7	20.9	23.1		
140	140	140.9	2.8	3.5	4	4.3	4.8	5.4	6	6.7	7.5	8.3	9.2	10.3	11.4	12.8	14.2	15.6	17.3	19	21	23.4	25.8		
160	160	161	3.2	3.9	4.4	4.9	5.5	6.2	6.9	7.7	8.6	9.5	10.6	11.8	13.1	14.6	16.2	17.8	19.7	21.7	24	26.7	29.5		
180	180	181.1	3.6	4.4	4.9	5.5	6.2	7	7.8	8.6	9.6	10.6	11.8	13.3	14.7	16.4	18.1	20	22.1	24.4	26.9	30	33.1		
200	200	201.2	4	4.9	5.5	6.1	6.8	7.7	8.6	9.6	10.7	11.8	13.1	14.7	16.3	18.2	20.1	22.3	24.6	27.1	29.9	33.4	36.8		
225	225	226.4	4.5	5.5	6.2	6.9	7.7	8.7	9.7	10.8	12	13.3	14.7	16.6	18.4	20.5	22.7	25	27.6	30.5	33.7	37.5	41.4		
250	250	251.5	5	6.1	6.8	7.6	8.5	9.6	10.8	12	13.3	14.7	16.3	18.4	20.3	22.8	25.2	27.8	30.7	33.8	37.3	41.7	46		
280	280	281.7	9.8	6.9	7.7	8.5	9.5	10.8	12	13.4	14.8	16.5	18.3	20.6	22.8	25.5	28.2	31.2	34.4	37.9	41.8	46.7	51.5		
315	315	316.9	11.1	7.7	8.6	9.6	10.7	12.2	13.5	15	16.6	18.6	20.6	23.2	25.6	28.7	31.7	35	38.6	42.6	47	52.5	57.9		
355	355	357.2	12.5	8.7	9.7	10.8	12	13.7	15.2	16.0	18.7	20.9	23.1	26.1	28.8	32.3	35.6	39.5	43.6	48	52.9	59.2	65.2		
400	400	402.4	14	9.8	10.9	12.2	13.5	15.4	17	19.1	21.1	23.6	26.1	29.5	32.6	36.4	40.1	44.5	49.1	54.1	59.6	66.7	73.5		
450	450	452.7	15.6	11	12.2	13.7	15.2	17.3	19.1	21.5	23.8	26.5	29.3	33	36.5	40.9	45.1	50	55.1	60.9	67.1	75	82.6		
500	500	503	17.5	12.2	13.5	15.2	16.8	19.3	21.3	23.9	26.4	29.5	32.6	36.8	40.6	45.4	50.2	55.6	61.3	67.6	74.5	83.4	91.8		