

## **DIMENSIONS OF HDPE PIPES AS PER IS: 4984: 2016**

												Pipe	Series										
				SDR 41		SDR 33		SDR 26		SDR 21		SDR 17		SDR 13.6		SDR 11		SDR 9		SDR 7.4		SDR 6	
Grade of Material					NOMINAL PRESSURE (PN) bar																		
PE 63				PN 2 PN 2		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		_	
Size	Size OD (mm) O			W/T(MM)		W/T(MM)		W/T(MM)		W/T(MM)		W/T(MM)		W/T(MM)		W/T(MM)		W/T(MM)		W/T(MM)		W/T(MM)	
O I Z O	MIN	MAX	MM	MIN		MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
16	16.0	16.3	1.2	171111	1017-01	101114	IVII-OX	101114	1017-01	101111	1717-07	101114	IVII	101111	IVIZOX	IVIII	1717-07	1.8	2.1	2.2	2.5	2.7	3.1
20	20.0	20.3	1.2													1.9	2.2	2.3	2.6	2.7	3.1	3.4	3.8
25	25.0	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	32.0	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	6.0
40	40.0	40.4	1.4							1.9	2.2	2.4	2.7	3.0	3.4	3.7	4.2	4.5	5.1	5.4	6.0	6.7	7.5
50	50.0	50.4	1.4					2.0	2.3	2.4	2.7	3.0	3.4	3.7	4.2	4.6	5.2	5.6	6.3	6.8	7.6	8.4	9.3
63	63.0	63.4	1.5					2.5	2.9	3.0	3.4	3.7	4.2	4.7	5.3	5.8	6.5	7.0	7.8	8.6	9.6	10.5	11.7
75	75.0	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	90.0	90.6	1.8	2.2 2.7	2.5	2.8	3.2	3.5 4.3	4.0	4.3 5.3	4.8 6.0	5.3 6.5	5.9 7.3	6.7 8.1	7.5 9.0	8.2	9.1	10.0	11.1	12.2	13.5	15.0 18.4	16.6 20.3
110 125	110.0 125.0	110.7 125.8	2.2 2.5	3.1	3.1 3.5	3.4	3.8 4.3	4.8	4.8 5.4	6.0	6.7	7.4	8.2	9.2	10.2	10.0 11.4	11.1 12.7	12.3 13.9	13.6 15.4	14.9 16.9	16.5 18.7	20.9	23.1
140	140.0	140.9	2.8	3.5	4.0	4.3	4.8	5.4	6.0	6.7	7.5	8.3	9.2	10.3	11.4	12.8	14.2	15.6	17.3	19.0	21.0	23.4	25.8
160	160.0	161.0	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	24.0	26.7	29.5
180	180.0	181.1	3.6	4.4	4.9	5.5	6.2	7.0	7.8	8.6	9.6	10.6	11.8	13.3	14.7	16.4	18.1	20.0	22.1	24.4	26.9	30.0	33.1
200	200.0	201.2	4.0	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	225.0	226.4	4.5	5.5	6.2	6.9	7.7	8.7	9.7	10.8	12.0	13.3	14.7	16.6	18.4	20.5	22.7	25.0	27.6	30.5	33.7	37.5	41.4
250	250.0	251.5	5.0	6.1	6.8	7.6	8.5	9.7	10.8	12.0	13.3	14.7	16.3	18.4	20.3	22.8	25.2	27.8	30.7	33.8	37.3	41.7	46.0
280	280.0	281.7	9.8	6.9	7.7	8.5	9.5	10.8	12.0	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	315.0	316.9	11.1	7.7	8.6	9.6	10.7	12.2	13.5	15.0	16.6	18.6	20.6	23.2	25.6	28.7	31.7	35.0	38.6	42.6	47.0	52.5	57.9
355	355.0	357.2	12.5	8.7	9.7	10.8	12.0	13.7	15.2	16.9	18.7	20.9	23.1	26.1	28.8	32.3	35.6	39.5	43.6	48.0	52.9	59.2	65.2
400	400.0	402.4	14.0	9.8	10.9	12.2	13.5	15.4	17.0	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	450.0	452.7	15.6	11.0	12.2	13.7	15.2	17.3	19.1	21.5	23.8	26.5	29.3	33.1	36.5	40.9	45.1	50.0	55.1	60.9	67.1	75.0	82.6
500	500.0	503.0	17.5 19.6	12.2 13.7	13.5 15.2	15.2 17.0	16.8	19.3 21.6	21.3 23.9	23.9 26.7	26.4 29.5	29 <b>.</b> 5 33.0	32.6 36.4	36.8 41.2	40.6 45.4	45.5	50.2	55.6	61.3 68.6	67.6	74.5	83.4 93.4	91.8
560 630	560.0 630.0	563.4 633.8	22.1	15.4	17.0	17.0	18.8 21.1	24.3	26.8	30.0	33.1	37.1	40.9	46.4	51.1	50.9 57.3	56.1 63.1	62.3 70.0	77.1	75.7 85.2	93.4 93.8	105.0	115.6
710	710.0	716.4		17.3	19.1	21.6	23.9	27.3	30.1	33.9	37.4	41.8	46.1	52.2	57.5	64.6	71.2	78.9	86.9	96.0	105.7	118.4	130.3
800	800.0	807.2		19.5	21.6	24.3	26.8	30.8	34.0	38.1	42.0	47.1	51.9	58.9	64.9	72.8	80.2	88.9	97.9	108.2	119.1	1101-1	700,0
900	900.0	908.1		22.0	24.3	27.3	30.1	34.7	38.3	42.9	47.3	53.0	58.4	66.2	72.9	81.9	90.2	100.0	110.1	121.7	134.0		
1000	1000.0	1009.0		24.4	26.9	30.3	33.4	38.5	42.5	47.7	52.6	58.9	64.9	73.6	81.1	90.9	100.1	111.2	122.4				
1200	1200.0	1210.8		29.3	32.3	36.4	40.1	46.2	50.9	57.2	63.0	70.6	77.8	88.3	97.2	109.1	120.1						
1400	1400.0	1412.6		34.1	37.6	42.5	46.9	53.9	59.4	66.7	73.5	82.4	90.7	103.0	113.4								
1600	1600.0	1614.4		39.0	43.0	48.5	53.5	61.6	67.9	76.2	83.9	94.2	103.7	117.7	129.6								
1800	1800.0	1816.2		43.9	48.4	54.6	60.2	69.3	76.3	85.8	94.5	105.9	116.6										
2000	2000.0	2018.0		48.8	53.8	60.6	66.8	77.0	84.8	95.3	104.9	117.7	129.6										