



UPI POLYMERS PVT. LTD.

WALL THICKNESS OF HDPE PIPES CONFORMING TO ISO 4427																					
Pipe Series																					
SDR		6		7.4		9		11		13.6		17		21		26		33		41	
Series S		2.5		3.2		4		5		6.3		8		10		12.5		16		20	
Nominal Pressure (PN) bar																					
PE63		-		-		-		PN 10		PN 8		-		PN 5		PN 4		PN 3.2		PN 2.5	
PE80		PN 25		PN 20		PN 16		PN 12.5		PN 10		PN 8		PN 6		PN 5		PN 4		PN 3.2	
PE100		-		PN 25		PN 20		PN 16		PN 12.5		PN 10		PN 8		PN 6		PN 5		PN 4	
OD	Tolerances	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
16	0.3 1.2	3	3.4	2.3	2.7	2	2.3														
20	0.3 1.2	3.4	3.9	3	3.4	2.3	2.7	2	2.3												
25	0.3 1.2	4.2	4.8	3.5	4	3	3.4	2.3	2.7	2	2.3										
32	0.3 1.3	5.4	6.1	4.4	5	3.6	4.1	3	3.4	2.4	2.8	2	2.3								
40	0.4 1.4	6.7	7.5	5.5	6.2	4.5	5.1	3.7	4.2	3	3.5	2.4	2.8	2	2.3						
50	0.5 1.4	8.3	9.3	6.9	7.7	5.6	6.3	4.6	5.2	3.7	4.2	3	3.4	2.4	2.8	2	2.3				
63	0.6 1.5	10.5	11.7	8.6	9.6	7.1	8	5.8	6.5	4.7	5.3	3.8	4.3	3	3.4	2.5	2.9				
75	0.7 1.6	12.5	13.9	10.3	11.5	8.4	9.4	6.8	7.6	5.6	6.3	4.5	5.1	3.6	4.1	2.9	3.3				
90	0.9 1.8	15	16.7	12.3	13.7	10.1	11.3	8.2	9.2	6.7	7.5	5.4	6.1	4.3	4.9	3.5	4				
110	1 2.2	18.3	20.3	15.1	16.8	12.3	13.7	10	11.1	8.1	9.1	6.6	7.4	5.3	6	4.2	4.8				
125	1.2 2.5	20.8	23	17.1	19	14	15.6	11.4	12.7	9.2	10.3	7.4	8.3	6	6.7	4.8	5.4				
140	1.3 2.8	23.3	25.8	19.2	21.3	15.7	17.4	12.7	14.1	10.3	11.5	8.3	9.3	6.7	7.5	5.4	6.1				
160	1.5 3.2	26.6	29.4	21.9	24.2	17.9	19.8	14.6	16.2	11.8	13.1	9.5	10.6	7.7	8.6	6.2	7				
180	1.7 3.6	29.9	33	24.6	27.2	20.1	22.3	16.4	18.2	13.3	14.8	10.7	11.9	8.6	9.6	6.9	7.7				
200	1.8 4	33.2	36.7	27.4	30.3	22.4	24.8	18.2	20.2	14.7	16.3	11.9	13.2	9.6	10.7	7.7	8.6				
225	2.1 4.5	37.4	41.3	30.8	34	25.2	27.9	20.5	22.7	16.6	18.4	13.4	14.9	10.8	12	8.6	9.6				
250	2.3 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	11.9	13.2	9.6	10.7				
280	2.6 9.8	46.5	51.3	38.3	42.3	31.3	34.6	25.4	28.1	20.6	22.8	16.6	18.4	13.4	14.9	10.7	11.9				
315	2.9 11.1	52.3	57.7	43.1	47.6	35.2	38.9	28.6	31.6	23.2	25.7	18.7	20.7	15	16.6	12.1	13.5	9.7	10.8	7.7	8.6
355	3.2 12.5	59	65	48.5	53.5	39.7	43.8	32.2	35.6	26.1	28.9	21.1	23.4	16.9	18.7	13.6	15.1	10.9	12.1	8.7	9.7
400	3.6 14			54.7	60.3	44.7	49.3	36.3	40.1	29.4	32.5	23.7	26.2	19.1	21.2	15.3	17	12.3	13.7	9.8	10.9



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450	4.1	15.6			61.5	67.8	50.3	55.5	40.9	45.1	33.1	36.6	26.7	29.5	21.5	23.8	17.2	19.1	13.8	15.3	11	12.2
500	4.5	17.5					55.8	61.5	45.4	50.1	36.8	40.6	29.7	32.8	23.9	26.4	19.1	21.2	15.3	17	12.3	13.7
560	5	19.6					62.5	68.9	50.8	56	41.2	45.5	33.2	36.7	26.7	29.5	21.4	23.7	17.2	19.1	13.7	15.2
630	5.7	22.1					70.3	77.5	57.2	63.1	46.3	51.1	37.4	41.3	30	33.1	24.1	26.7	19.3	21.4	15.4	17.1
710	6.4	24.9					79.3	87.4	64.5	71.1	52.2	57.6	42.1	46.5	33.9	37.4	27.2	30.1	21.8	24.1	17.4	19.3
800	7.2						89.3	98.4	72.6	80	58.8	64.8	47.4	52.3	38.1	42.1	30.6	33.8	24.5	27.1	19.6	21.7
900	8.1								81.7	90	66.2	73	53.3	58.8	42.9	47.3	34.4	38.3	27.6	30.5	22	24.3
1000	9								90.2	99.4	72.5	79.9	59.3	65.4	47.7	52.6	38.2	42.2	30.6	33.5	24.5	27.1
1200	10.8										88.2	97.2	67.9	74.8	57.2	63.1	45.9	50.6	36.7	40.5	29.4	32.5
1400	12.6										102.9	113.3	82.4	90.8	66.7	73.5	53.5	59	42.9	47.3	34.3	37.9
1600	14.4										117.6	129.5	94.1	103.7	76.2	84	61.2	67.5	49	54	39.2	43.3
1800	16.2												105.9	116.6	85.7	94.4	69.1	76.2	54.5	60.1	43.8	48.3
2000	18												117.6	129.5	95.2	104.9	76.9	84.7	60.6	66.8	48.8	53.8

ALL DIMENSIONS ARE IN MM