



CN958572/240399

High-Density Polyethylene (HDPE) Piping Division



SINCE 1981

Standard Products

PE 100 Pipe dimension conforming to DIN 8074 : 1999-08 specification

DESIGN STRESS = 8 Mpa

Parameters @ 20°C, Years of service 50 years, Factor of Safety 1.25

SDR 13.6					
PN 12.5					
O.D.	O.D. Tolerance mm	W.T. mm	W.T. Tolerance mm	Weight Kg/Mtr.	O.D.
10	+ 0.3	-	-	-	10
12	+ 0.3	-	-	-	12
16	+ 0.3	-	-	-	16
20	+ 0.3	1.8	+ 0.4	0.107	20
25	+ 0.3	1.9	+ 0.4	0.144	25
32	+ 0.3	2.4	+ 0.5	0.232	32
40	+ 0.4	3.0	+ 0.6	0.356	40
50	+ 0.5	3.7	+ 0.6	0.549	50
63	+ 0.6	4.7	+ 0.7	0.873	63
75	+ 0.7	5.6	+ 0.8	1.240	75
90	+ 0.9	6.7	+ 0.9	1.770	90
110	+ 1.0	8.1	+ 1.1	2.620	110
125	+ 1.2	9.2	+ 1.2	3.370	125
140	+ 1.3	10.3	+ 1.3	4.220	140
160	+ 1.5	11.8	+ 1.4	5.500	160
180	+ 1.7	13.3	+ 1.6	6.980	180
200	+ 1.8	14.7	+ 1.7	8.560	200
225	+ 2.1	16.6	+ 1.9	10.900	225
250	+ 2.3	18.4	+ 2.1	13.400	250
280	+ 2.6	20.6	+ 2.3	16.800	280
315	+ 2.9	23.2	+ 2.6	21.200	315
355	+ 3.2	26.1	+ 2.9	26.900	355
400	+ 3.6	29.4	+ 3.2	34.100	400
450	+ 3.8	33.1	+ 3.6	43.200	450
500	+ 4.0	36.8	+ 3.9	53.300	500
560	+ 4.3	41.2	+ 4.4	66.900	560
630	+ 4.6	46.3	+ 4.9	84.600	630
710	+ 4.9	52.2	+ 5.5	107.000	710
800	+ 5.0	58.8	+ 6.1	136.000	800
900	+ 5.0	66.1	+ 6.9	172.000	900
1000	+ 5.0	-	-	-	1000
1200	+ 6.0	-	-	-	1200

NOTES:

- 1) W.T. – Wall Thickness ; O.D. – Outside Diameter; SDR – Standard Dimension Ratio; PN – Nominal Pressure (bar).
- 2) Other wall thicknesses are available upon request.
- 4) The information contained in this table is subject to change without notice. SPPI believes the information contained to be reliable, but no representations as to its accuracy or completeness.

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