

PE 100 PRESSURE PIPES DIN 8074, 8075 ISO 4427, 4437

Nominal Outside Diameter mm	SDR 26		SDR 21		SDR 17		SDR 13.6		SDR 11		SDR 9	
	S 12.5		10		S 8		S 6.3		S 5		S 4	
	PN 6.3		PN 8		PN 10		PN 12.5		PN 16		PN 20	
	W/T	Mass	W/T	Mass	W/T	Mass	W/T	Mass	W/T	Mass	W/T	Mass
	mm	kg/m	mm	kg/m	mm	kg/m	mm	kg/m	mm	kg/m	mm	kg/m
16	-	-	-	-	-	-	-	-	-	-	1.8	0.084
20	-	-	-	-	-	-	1.8	0.107	1.9	0.112	2.3	0.133
25	-	-	-	-	1.8	0.137	1.9	0.144	2.3	0.171	2.8	0.200
32	-	-	-	-	1.9	0.187	2.4	0.232	2.9	0.272	3.6	0.327
40	1.8	0.227	1.9	0.239	2.4	0.295	3.0	0.356	3.7	0.430	4.5	0.509
50	2.0	0.314	2.4	0.374	3.0	0.453	3.7	0.549	4.6	0.666	5.6	0.788
63	2.5	0.494	3.0	0.580	3.8	0.721	4.7	0.873	5.8	1.050	7.1	1.260
75	2.9	0.675	3.6	0.828	4.5	1.020	5.6	1.240	6.8	1.470	8.4	1.760
90	3.5	0.978	4.3	1.180	5.4	1.460	6.7	1.770	8.2	2.120	10.1	2.540
110	4.2	1.430	5.3	1.770	6.6	2.170	8.1	2.620	10.0	3.140	12.3	3.780
125	4.8	1.840	6.0	2.270	7.4	2.760	9.2	3.370	11.4	4.080	14.0	4.870
140	5.4	2.320	6.7	2.830	8.3	3.460	10.3	4.220	12.7	5.080	15.7	6.110
160	6.2	3.040	7.7	3.720	9.5	4.520	11.8	5.500	14.6	6.670	17.9	7.960
180	6.9	3.790	8.6	4.670	10.7	5.710	13.3	6.980	16.4	8.420	20.1	10.10
200	7.7	4.690	9.6	5.780	11.9	7.050	14.7	8.560	18.2	10.40	22.4	12.40
225	8.6	5.890	10.8	7.300	13.4	8.930	16.6	10.90	20.5	13.10	25.2	15.80
250	9.6	7.300	11.9	8.930	14.8	11.00	18.4	13.40	22.7	16.20	27.9	19.40
280	10.7	9.100	13.4	11.30	16.6	13.70	20.6	16.80	25.4	20.30	31.3	24.30
315	12.1	11.60	15.0	14.20	18.7	17.40	23.2	21.20	28.6	25.60	35.2	30.80
355	13.6	14.60	16.9	18.00	21.1	22.10	26.1	26.90	32.2	32.50	39.7	39.10
400	15.3	18.60	19.1	22.90	23.7	28.00	29.4	34.10	36.3	41.30	44.7	49.60
450	17.2	23.50	21.5	28.90	26.7	35.40	33.1	43.20	40.9	52.30	50.3	62.70
500	19.1	28.90	23.9	35.70	29.7	43.80	36.8	53.30	45.4	64.50	55.8	77.30
560	21.4	36.20	26.7	44.70	33.2	54.80	41.2	66.90	50.8	80.80	62.5	97.00
630	24.1	45.90	30.0	56.40	37.4	69.40	46.3	84.60	57.2	102.0	-	-
710	27.2	58.40	33.9	71.80	42.1	88.10	52.2	107.0	64.5	130.0	-	-
800	30.6	73.90	38.1	91.10	47.4	112.0	58.8	136.0	-	-	-	-
900	34.4	93.40	42.9	115.0	53.3	141.0	66.1	172.0	-	-	-	-
1000	38.2	115.0	47.7	142.0	59.3	175.0	-	-	-	-	-	-
1200	45.9	166.0	57.2	205.0	-	-	-	-	-	-	-	-
1400	53.5	226.0	66.7	278.0	-	-	-	-	-	-	-	-
1600	61.2	295.0	-	-	-	-	-	-	-	-	-	-

Material : PE 100
 Minimum required strength : MRS = 10.0 Mpa
 Design stress : 8.0 Mpa
 Design safety factor : C = 1.25 for water
 Color : Black
 Length : Sizes from 16 to 32mm are available in coils of 100 & 200 & 300 meters.
 Sizes from 40 to 125mm are available in coils of 100 meters.
 Larger diameters are available in straight lengths of 12 meters.
 Different lengths can be supplied on request.

PE 80 PRESSURE PIPES DIN 8074, 8075 ISO 4427, 4437

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	PN 5		PN 6.3		PN 8		PN 10		PN 12.5		PN 16	
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1000	38.2	115.0	47.7	142.0	59.3	175.0	-	-	-	-	-	-
1200	45.9	166.0	57.2	205.0	-	-	-	-	-	-	-	-
1400	53.5	226.0	66.7	278.0	-	-	-	-	-	-	-	-
1600	61.2	295.0	-	-	-	-	-	-	-	-	-	-

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