

HIGH DENSITY POLYETHYLENE

SABS ISO 4427



Minimum wall thickness dimensions

SDR - Standard dimension ratio ie Diameter ( size ) / SDR = Wall thickness

SIZE	SDR 41	SDR 26	SDR 21	SDR17	SDR 13.6	SDR 11	SDR 9
	PE100 PN 4	PE 100 PN 6	PE 100 PN 8	PE 100 PN 10	PE 100 PN 12.5	PE 100 PN 16	PE 100 PN 20
16	-	-	-	-	-	1.60	1.80
20	-	-	-	-	1.60	1.80	2.20
25	-	-	-	1.60	1.80	2.30	2.80
32	-	-	1.60	1.90	2.40	2.90	3.60
40	-	-	1.90	2.40	2.90	3.60	4.40
50	-	-	2.40	2.90	3.70	4.50	5.60
63	-	-	3.00	3.70	4.60	5.70	7.00
75	-	-	3.60	4.40	5.50	6.80	8.30
90	-	-	4.30	5.30	6.60	8.20	10.00
110	-	-	5.20	6.50	8.10	10.00	12.20
125	3.80	4.80	6.00	7.40	9.20	11.40	13.90
140	4.20	5.40	6.70	8.20	10.30	12.70	15.60
160	4.80	6.20	7.60	9.40	11.80	14.50	17.80
200	6.10	7.70	9.50	11.80	14.70	18.20	22.20
250	7.60	9.60	11.90	14.70	18.40	22.70	27.80
315	9.50	12.10	15.00	18.50	23.20	28.60	35.00
355	10.80	13.70	16.90	20.90	26.10	32.30	39.40

<b>MATERIAL</b>	<b>DESIGN STRESS</b>
<b>PE 100</b>	<b>8 Mpa</b>

Available lengths

16mm - 40mm	100m coils
50mm - 90mm	100m & 50m coils
110mm	50m coils , 12m & 6m lengths
125mm - 355mm	12m & 6m lengths

Pipe ends / Jointing

Pipe ends are plain ended, joined with either compression, electrofusion or butt weld fittings

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