

HDPE Pipe Standards ISO 4427

Nominal Pressure	PE80 PE100
Nominal diameter (mm)	Diameter Inch
63.0	2.0
75.0	2.5
90.0	3.0
110.0	4.0
125.0	5.0
140.0	5.5
160.0	6.0
180.0	7.0
200.0	8.0
225.0	9.0
250.0	10.0
280.0	11.0
315.0	12.0
355.0	14.0
400.0	16.0
450.0	18.0
500.0	20.0
560.0	22.0
630.0	24.0

SDR6		SDR7.4		SDR9		SDR11		SDR13.6		SDR17		SDR21		SDR26		SDR33	
PN25		PN20 PN25		PN16 PN20		PN12.5 PN16		PN10 PN12.5		PN8 PN10		PN6 PN6		PN5		PN4/PN5	
Inner diameter (mm)	Minimum thickness (mm)	Inner diameter (mm)	Minimum thickness (mm)	Inner diameter (mm)	Minimum thickness (mm)	Inner diameter (mm)	Minimum thickness (mm)	Inner diameter (mm)	Minimum thickness (mm)	Inner diameter (mm)	Minimum thickness (mm)	Inner diameter (mm)	Minimum thickness (mm)	Inner diameter (mm)	Minimum thickness (mm)	Inner diameter (mm)	Minimum thickness (mm)
42.0	10.5	45.8	8.6	48.8	7.1	51.4	5.8	53.6	4.7	55.4	3.8	57.0	3.0	58.0	2.5	-	-
50.0	12.5	54.4	10.3	58.2	8.4	61.4	6.8	63.8	5.6	66.0	4.5	67.8	3.6	69.2	2.9	-	-
60.0	15.0	65.4	12.3	69.8	10.1	73.6	8.2	76.6	6.7	79.2	5.4	81.4	4.3	83.0	3.5	-	-
73.4	18.3	79.8	15.1	85.4	12.3	90.0	10.0	93.8	8.1	96.8	6.6	99.4	5.3	101.6	4.2	-	-
83.4	20.8	90.8	17.1	97.0	14.0	102.2	11.4	106.6	9.2	110.2	7.4	113.0	6.0	115.4	4.8	-	-
93.4	23.3	101.6	19.2	108.6	15.7	114.6	12.7	119.4	10.3	123.4	8.3	126.6	6.7	129.2	5.4	-	-
106.8	26.6	116.2	21.9	124.2	17.9	130.8	14.6	136.4	11.8	141.0	9.5	144.6	7.7	147.6	6.2	-	-
120.2	29.9	130.8	24.6	139.8	20.1	147.2	16.4	153.4	13.3	158.6	10.7	162.8	8.6	166.2	6.9	-	-
133.6	33.2	145.2	27.4	155.2	22.4	163.6	18.2	170.6	14.7	176.2	11.9	180.8	9.6	184.6	7.7	-	-
150.2	37.4	163.4	30.8	174.6	25.2	184.0	20.5	191.8	16.6	198.2	13.4	203.4	10.8	207.8	8.6	-	-
167.0	41.5	181.6	34.2	194.2	27.9	204.6	22.7	213.2	18.4	220.4	14.8	226.2	11.9	230.8	9.6	-	-
187.0	46.5	203.4	38.3	217.4	31.3	229.2	25.4	238.8	20.6	246.8	16.6	253.2	13.4	258.6	10.7	-	-
210.4	52.3	228.8	43.1	244.6	35.2	257.8	28.6	268.6	23.2	277.6	18.7	285.0	15.0	290.8	12.1	295.6	10
237.0	59.0	258.0	48.5	275.6	39.7	290.6	32.2	302.8	26.1	312.8	21.1	321.2	16.9	327.8	13.6	333.2	11
-	-	290.6	54.7	310.6	44.7	327.4	36.3	341.2	29.4	352.6	23.7	361.8	19.1	369.4	15.3	375.4	12
-	-	327.0	61.5	349.4	50.3	368.2	40.9	383.8	33.1	396.6	26.7	407.0	21.5	415.6	17.2	422.4	14
-	-	-	-	388.4	55.8	409.2	45.4	426.4	36.8	440.6	29.7	452.2	23.9	461.8	19.1	469.4	15
-	-	-	-	435.0	62.5	458.4	50.8	477.6	41.2	493.6	33.2	506.6	26.7	517.2	21.4	525.6	17
-	-	-	-	489.4	70.3	515.6	57.2	537.4	46.3	555.2	37.4	570.0	30.0	581.8	24.1	591.4	19