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HDPE PIPE SIZE CHART

Nominal Wall Thickness (mm)

This HDPE pipe size chart shows nominal wall thickness values for PE80 and PE100 pressure pipes across different SDR classes. The table is intended for technical reference and dimensional selection.

Nominal External Diameter	SDR 9	SDR 11	SDR 13.6	SDR 17	SDR 21	SDR 26	SDR 33	SDR 41
PE 80 Nominal Pressure	1.6MPa (PN16)	1.25MPa (PN12.5)	1.0MPa (PN10)	0.8MPa (PN8)	0.6MPa (PN6)	0.5MPa (PN5)	0.4MPa (PN4)	0.32MPa (PN3.2)
PE 100 Nominal Pressure	2.0MPa (PN20)	1.6MPa (PN16)	1.25MPa (PN12.5)	1.0MPa (PN10)	0.8MPa (PN8)	0.6MPa (PN6)	0.5MPa (PN5)	0.4MPa (PN4)
16	2.3							
20	2.3	2.3						
25	3.0	2.3	2.3					
32	3.6	3.0	2.4	2.3				
40	4.5	3.7	3.0	2.4	2.3			
50	5.6	4.6	3.7	3.0	2.4	2.3		
63	7.1	5.8	4.7	3.8	3.0	2.5		
75	8.4	6.8	5.6	4.5	3.6	2.9		
90	10.1	8.2	6.7	5.4	4.3	3.5		
110	12.3	10	8.1	6.6	5.3	4.2		
125	14	11.4	9.2	7.4	6	4.8		
140	15.7	12.7	10.3	8.3	6.7	5.4		
160	17.9	14.6	11.8	9.5	7.7	6.2		
180	20.1	16.4	13.3	10.7	8.6	6.9		
200	22.4	18.2	14.7	11.9	9.6	7.7		
225	25.2	20.5	16.6	13.4	10.8	8.6		
250	27.9	22.7	18.4	14.8	11.9	9.6		
280	31.3	25.4	20.6	16.6	13.4	10.7		
315	35.2	28.6	23.2	18.7	15.0	12.1	9.7	7.7
355	39.7	32.2	26.1	21.1	16.9	13.6	10.9	8.7
400	44.7	36.3	29.4	23.7	19.1	15.3	12.3	9.8
450	50.3	40.9	33.1	26.7	21.5	17.2	13.8	11
500	55.8	45.4	36.8	29.7	23.9	19.1	15.3	12.3
560	62.5	50.8	41.2	33.2	26.7	21.4	17.2	13.7
630	70.3	57.2	46.3	37.4	30.0	24.1	19.3	15.4
710	79.3	64.5	52.2	42.1	33.9	27.2	21.8	17.4
800	89.3	72.6	58.8	47.4	38.1	30.6	24.5	19.6
900		81.7	66.2	53.3	42.9	34.4	27.6	22
1000		90.2	72.5	59.3	47.7	38.2	30.6	24.5
1200			88.2	67.9	57.2	45.9	36.7	29.4
1400			102.9	82.4	66.7	53.3	42.9	34.3
1600			117.6	94.1	76.2	61.2	49	39.2
1800				105.9	85.7	69.1	54.5	43.8
2000				117.6	95.2	76.9	60.6	48.8
2250					107.2	86	70	55
2500					119.1	96.5	77.7	61.2

Notes:

- All dimensions are in millimeters (mm).
- Pressure ratings are shown for PE80 and PE100 HDPE pipes.
- Customized sizes are available according to customer needs.