

HDPE PIPES FOR POTABLE WATER SUPPLY AS PER ISO: 4427

Grade Material	Pipe Series																			
	SDR 6	SDR 7.4	SDR 9	SDR 11	SDR 13.6	SDR 17	SDR 21	SDR 26	SDR 33	SDR 41										
	S 2.5	S 3.2	S 4	S 5	S 6.3	S 8	S 10	S 12.5	S 16	S 20										
NOMINAL PRESSURE (PN) bar																				
PE 40	-	PN 10	PN 8	-	PN 5	PN 4	PN 3.2	PN 2.5	-	-										
PE 63	-	-	-	PN 10	PN 8	-	PN 5	PN 4	PN 3.2	PN 2.6										
PE 80	PN 25	PN 20	PN 16	PN 12.5	PN 10	PN 8	PN 6	PN 6	PN 4	PN 3.2										
PE 100	-	PN 25	PN 20	PN 16	PN 12.5	PN 10	PN 8	PN 8	PN 5	PN 4										
Nominal Size	Wall Thickness (in mm)																			
	emin	emax	emin	emax	emin	emax	emin	emax	emin	emax	emin	emax	emin	emax	emin	emax	emin	emax	emin	emax
16	3.0	3.4	2.3	2.7	2	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	3.4	3.9	3	3.4	2.3	2.7	2	2.3	-	-	-	-	-	-	-	-	-	-	-	-
25	4.2	4.8	3.5	4	3	3.4	2.3	2.7	2	2.3	-	-	-	-	-	-	-	-	-	-
32	5.4	6.1	4.4	5	3.6	4.1	3	3.4	2.4	2.8	2	2.3	-	-	-	-	-	-	-	-
40	6.7	7.5	5.5	6.2	4.5	5.1	3.7	4.2	3	3.5	2.4	2.8	2	2.3	-	-	-	-	-	-
50	8.3	9.3	6.9	8	5.6	6.3	4.6	5.2	3.7	4.2	3	3.4	2.4	2.8	2	2.3	-	-	-	-
63	10.5	11.7	8.6	9.6	7.1	8	5.8	6.5	4.7	5.3	3.8	4.3	3	3.4	2.5	2.9	-	-	-	-
75	12.5	13.9	10.3	11.5	8.4	9.4	6.8	7.6	5.6	6.3	4.5	5.1	3.6	4.1	2.9	3.3	-	-	-	-
90	15	16.7	12.3	13.7	10.1	11.3	8.1	9.2	6.7	7.5	5.4	6.1	4.3	4.9	3.5	4	-	-	-	-
110	18.3	20	15.1	16.8	12.3	13.7	10	11.1	8.1	9.1	6.6	7.4	5.3	6	4.2	4.8	-	-	-	-
125	21	23	17.1	19	14	15.6	11.4	12.7	9.1	10.3	7.4	8.3	6	6.7	4.8	5.4	-	-	-	-
140	23.3	25.8	19.2	21.3	15.7	17.4	12.7	14.1	10.3	11.15	8.3	9.3	6.7	7.5	5.4	6.1	-	-	-	-
160	26.6	29.4	21.9	24.2	17.9	19.8	14.6	16.2	11.8	13.1	9.5	10.6	7.7	8.6	6.2	7	-	-	-	-
180	29.9	33	24.6	27.2	20.1	22.3	16.4	18.2	13.3	14.8	10.7	11.9	8.6	9.6	6.9	7.7	-	-	-	-
200	33.2	36.7	27.4	30.3	22.4	24.8	18.2	20.2	14.7	16.3	12	13.2	9.6	10.7	7.7	8.6	-	-	-	-
225	37.4	41.3	30.8	34	25.2	27.9	20.5	22.7	16.6	18.4	13.4	14.9	10.8	12	8.6	9.6	-	-	-	-
250	41.5	45.8	34.2	37.8	27.9	30.8	22.7	25.1	18.4	20.4	14.8	16.4	11.9	13.2	9.6	10.7	-	-	-	-
280	46.5	51.3	38.3	42.3	31.3	34.6	23.4	28.1	20.6	22.8	16.6	18.4	13.4	14.9	10.7	11.9	-	-	-	-
315	52.3	57.7	43.1	47.6	35.3	38.9	28.6	31.6	23.2	25.7	18.7	20.7	15	16.6	12.1	13.5	9.7	10.8	7.7	8.6
355	59	65	48.5	53.5	39.7	43.8	32.2	35.6	26.1	28.9	21.1	23.4	16.9	18.7	13.6	15.1	10.9	12.1	8.7	9.7
400	-	-	54.7	60.3	44.7	49.3	36.3	40.1	29.4	32.5	23.7	26.2	19.1	21.2	15.3	17	12.3	13.7	9.8	10.9
450	-	-	61.5	67.8	50.3	55.5	40.9	45.1	33.1	36.6	26.7	29.5	21.5	23.8	17.2	19.1	13.8	15.3	11	12.2
500	-	-	-	-	55.8	61.6	45.4	50.1	36.8	40.6	29.7	32.8	23.9	26.4	19.1	21.2	15.3	17	12.3	13.7