

HIGH DENSITY POLYETHYLENE PIPE - PE3608/3408

PIPE DIMENSIONS & PRESSURE RATINGS (IPS)

OD		SDR 6.3 300 PSI			SDR 7.3 250 PSI			SDR 9 200 PSI			SDR 11 160 PSI			SDR 13.5 125 PSI		
Nominal (in.)	ACTUAL (in.)	Pipe ID (in.)	Min. Wall Thickness (in.)	Weight (lb.per ft)	Pipe ID (in.)	Min. Wall Thickness (in.)	Weight (lb.per ft)	Pipe ID (in.)	Min. Wall Thickness (in.)	Weight (lb.per ft)	Pipe ID (in.)	Min. Wall Thickness (in.)	Weight (lb.per ft)	Pipe ID (in.)	Min. Wall Thickness (in.)	Weight (lb.per ft)
3/4"	1.050										0.849	0.095	0.12			
1"	1.315										1.061	0.120	0.20			
1 1/4"	1.660										1.34	0.151	0.31	1.399	0.123	0.26
1 1/2"	1.900				1.349	0.260	0.58	1.453	0.211	0.48	1.533	0.173	0.40	1.601	0.141	0.33
2"	2.375	1.576	0.377	1.03	1.686	0.325	0.91	1.815	0.264	0.76	1.917	0.216	0.64	2.002	0.176	0.53
2 1/2"	2.875	1.908	0.456	1.50	2.042	0.393	1.33	2.199	0.319	1.12	2.322	0.261	0.93	2.423	0.213	0.78
3"	3.500	2.321	0.556	2.23	2.485	0.479	1.98	2.675	0.389	1.66	2.826	0.318	1.39	2.951	0.259	1.15
4"	4.500	2.986	0.714	3.68	3.194	0.616	3.27	3.44	0.500	2.74	3.633	0.409	2.29	3.794	0.333	1.90
5"	5.563	3.691	0.883	5.63	3.948	0.762	5.00	4.253	0.618	4.18	4.49	0.506	3.51	4.69	0.412	2.91
6"	6.625	4.397	1.051	7.99	4.700	0.908	7.09	5.065	0.736	5.93	5.349	0.602	4.97	5.584	0.491	4.13
7"	7.125	4.727	1.131	9.24	5.056	0.976	8.20	5.447	0.792	6.86	5.751	0.648	5.75	6.006	0.528	4.78
8"	8.625	5.723	1.369	13.54	6.121	1.181	12.01	6.594	0.958	10.05	6.963	0.784	8.42	7.270	0.639	7.00
10"	10.750				7.627	1.473	18.66	8.219	1.194	15.61	8.679	0.977	13.09	9.062	0.796	10.87
12"	12.750				9.046	1.747	26.25	9.746	1.417	21.97	10.291	1.160	18.42	10.749	0.944	15.29
14"	14.000				9.934	1.918	31.64	10.701	1.556	26.50	11.301	1.273	22.20	11.802	1.037	18.44
16"	16.000				11.353	2.192	41.33	12.231	1.778	34.60	12.926	1.450	28.91	13.488	1.185	24.09
18"	18.000				12.772	2.466	52.31	13.760	2.000	43.79	14.532	1.636	36.69	15.174	1.333	30.48
20"	20.000							15.289	2.222	54.06	16.145	1.818	45.30	16.859	1.481	37.64
22"	22.000							16.818	2.444	65.41	17.760	2.000	54.82	18.545	1.630	45.55
24"	24.000							18.347	2.667	77.85	19.375	2.182	65.24	20.231	1.778	54.21

Hydrostatic design basis (HDB) of 1600 PSI for water at 23°C (73.4°F).

Other sizes and DR's available upon request.

PIPE DIMENSIONS & PRESSURE RATINGS (IPS)

OD		SDR 15.5 110 PSI			SDR 17 100 PSI			SDR 21 80 PSI			SDR 26 64 PSI			SDR 32.5 50 PSI		
Nominal (in.)	ACTUAL (in.)	Pipe ID (in.)	Min. Wall Thickness (in.)	Weight (lb.per ft)	Pipe ID (in.)	Min. Wall Thickness (in.)	Weight (lb.per ft)	Pipe ID (in.)	Min. Wall Thickness (in.)	Weight (lb.per ft)	Pipe ID (in.)	Min. Wall Thickness (in.)	Weight (lb.per ft)	Pipe ID (in.)	Min. Wall Thickness (in.)	Weight (lb.per ft)
3/4"	1.050															
1"	1.315															
1 1/4"	1.660	1.433	0.107	0.23	1.452	0.098	0.21									
1 1/2"	1.900	1.639	0.123	0.29	1.663	0.112	0.28									
2"	2.375	2.051	0.153	0.47	2.078	0.140	0.43									
2 1/2"	2.875	2.483	0.185	0.68	2.517	0.169	0.63									
3"	3.500	3.021	0.226	1.02	3.063	0.206	0.93	3.146	0.167	0.77	3.214	0.135	0.62	3.271	0.108	0.50
4"	4.500	3.885	0.29	1.68	3.938	0.265	1.54	4.046	0.214	1.26	4.133	0.173	1.03	4.207	0.138	0.83
5"	5.563	4.802	0.359	2.57	4.87	0.327	2.35	5.001	0.265	1.93	5.109	0.214	1.57	5.200	0.171	1.27
6"	6.625	5.720	0.427	3.63	5.798	0.390	3.34	5.957	0.315	2.73	6.084	0.255	2.23	6.195	0.203	1.79
7"	7.125	6.150	0.460	4.21	6.237	0.419	3.86	6.406	0.339	3.16	6.544	0.274	2.58	6.661	0.219	2.08
8"	8.625	7.446	0.556	6.16	7.550	0.507	5.65	7.754	0.411	4.64	7.923	0.331	3.78	8.063	0.265	3.05
10"	10.750	9.281	0.693	9.57	9.410	0.632	8.78	9.667	0.511	7.19	9.874	0.413	5.87	10.048	0.331	4.75
12"	12.750	11.005	0.823	13.48	11.160	0.750	12.36	11.463	0.607	10.13	11.711	0.490	8.26	11.919	0.392	6.67
14"	14.000	12.086	0.903	16.24	12.253	0.824	14.91	12.586	0.667	12.22	12.859	0.538	9.96	13.086	0.431	8.05
16"	16.000	13.812	1.032	21.21	14.005	0.941	19.46	14.387	0.761	15.94	14.696	0.615	13.01	14.957	0.492	10.50
18"	18.000	15.539	1.161	26.84	15.755	1.059	24.64	16.183	0.857	20.19	16.533	0.692	16.47	16.894	0.553	13.28
20"	20.000	17.265	1.290	33.15	17.506	1.176	30.42	17.981	0.952	24.94	18.369	0.769	20.35	18.695	0.615	16.42
22"	22.000	18.991	1.419	40.11	19.256	1.294	36.81	19.779	1.048	30.17	20.26	0.846	24.62	20.565	0.677	19.86
24"	24.000	20.717	1.548	47.73	21.007	1.412	43.80	21.577	1.143	35.91	22.043	0.923	29.30	22.434	0.738	23.64

Hydrostatic design basis (HDB) of 1600 PSI for water at 23°C (73.4°F).

Other sizes and DR's available upon request.

HIGH DENSITY POLYETHYLENE PIPE- PE4710

PIPE DIMENSIONS & PRESSURE RATINGS (IPS)

OD		SDR 6.3 380 PSI			SDR 7.3 320 PSI			SDR 9 252 PSI			SDR 11 200 PSI			SDR 13.5 160 PSI		
Nominal (in.)	ACTUAL (in.)	Pipe ID (in.)	Min. Wall Thickness (in.)	Weight (lb.per ft)	Pipe ID (in.)	Min. Wall Thickness (in.)	Weight (lb.per ft)	Pipe ID (in.)	Min. Wall Thickness (in.)	Weight (lb.per ft)	Pipe ID (in.)	Min. Wall Thickness (in.)	Weight (lb.per ft)	Pipe ID (in.)	Min. Wall Thickness (in.)	Weight (lb.per ft)
3/4"	1.050										0.849	0.095	0.13			
1"	1.315										1.061	0.120	0.20			
1 1/4"	1.660										1.340	0.151	0.32	1.399	0.123	0.26
1 1/2"	1.900				1.394	0.260	0.59	1.453	0.211	0.49	1.533	0.173	0.41	1.601	0.141	0.34
2"	2.375	1.576	0.377	1.04	1.686	0.325	0.92	1.815	0.264	0.77	1.917	0.216	0.65	2.002	0.176	0.54
2 1/2"	2.875	1.908	0.456	1.53	2.042	0.393	1.35	2.199	0.319	1.13	2.322	0.261	0.94	2.423	0.213	0.78
3"	3.500	2.321	0.556	2.27	2.485	0.479	2.00	2.675	0.389	1.67	2.826	0.318	1.40	2.951	0.259	1.16
4"	4.500	2.986	0.714	3.74	3.194	0.616	3.31	3.440	0.500	2.77	3.633	0.409	2.32	3.794	0.333	1.92
5"	5.563	3.691	0.883	5.72	3.948	0.762	5.06	4.253	0.618	4.23	4.490	0.506	3.54	4.690	0.412	2.94
6"	6.625	4.397	1.051	8.11	4.700	0.908	7.18	5.065	0.736	6.00	5.349	0.602	5.02	5.584	0.491	4.17
7"	7.125	4.727	1.131	9.38	5.056	0.976	8.31	5.447	0.792	6.94	5.751	0.648	5.81	6.006	0.528	4.82
8"	8.625	5.723	1.369	13.75	6.121	1.181	12.17	6.594	0.958	10.16	6.963	0.784	8.51	7.270	0.639	7.06
10"	10.750				7.627	1.473	18.91	8.219	1.194	15.79	8.679	0.977	13.21	9.062	0.796	10.96
12"	12.750				9.046	1.747	26.60	9.746	1.417	22.22	10.291	1.160	18.60	10.749	0.944	15.42
14"	14.000				9.934	1.918	32.07	10.701	1.556	26.80	11.301	1.273	22.42	11.802	1.037	18.60
16"	16.000				11.353	2.192	41.88	12.231	1.778	34.99	12.926	1.450	29.20	13.488	1.185	24.29
18"	18.000				12.772	2.466	53.01	13.760	2.000	44.28	14.532	1.636	37.05	15.174	1.333	30.74
20"	20.000							15.289	2.222	54.67	16.145	1.818	45.75	16.859	1.481	37.97
22"	22.000							16.818	2.444	66.15	17.760	2.000	55.35	18.545	1.630	45.94
24"	24.000							18.347	2.667	78.73	19.375	2.182	65.88	20.231	1.778	54.67

Hydrostatic design basis (HDB) of 1600 PSI for water at 23°C (73.4°F).

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1 1/4"	1.660	1.433	0.107	0.23	1.452	0.098	0.21									
1 1/2"	1.900	1.639	0.123	0.30	1.663	0.112	0.28									
2"	2.375	2.051	0.153	0.47	2.078	0.140	0.43									
2 1/2"	2.875	2.483	0.185	0.69	2.517	0.169	0.63									
3"	3.500	3.021	0.226	1.02	3.063	0.206	0.94	3.146	0.167	0.77	3.214	0.135	0.63	3.271	0.108	0.51
4"	4.500	3.885	0.290	1.69	3.938	0.265	1.55	4.046	0.214	1.27	4.133	0.173	1.04	4.207	0.138	0.83
5"	5.563	4.802	0.359	2.59	4.870	0.327	2.37	5.001	0.265	1.94	5.109	0.214	1.58	5.200	0.171	1.28
6"	6.625	5.720	0.427	3.66	5.798	0.390	3.37	5.957	0.315	2.75	6.084	0.255	2.25	6.195	0.203	1.80
7"	7.125	6.150	0.460	4.24	6.237	0.419	3.89	6.406	0.339	3.18	6.544	0.274	2.60	6.661	0.219	2.09
8"	8.625	7.446	0.556	6.21	7.550	0.507	5.70	7.754	0.411	4.67	7.932	0.331	3.80	8.063	0.265	3.07
10"	10.750	9.281	0.693	9.64	9.410	0.632	8.85	9.667	0.511	7.24	9.874	0.413	5.91	10.048	0.331	4.77
12"	12.750	11.005	0.823	13.58	11.160	0.750	12.45	11.463	0.607	10.20	11.711	0.490	8.31	11.919	0.392	6.70
14"	14.000	12.086	0.903	16.37	12.253	0.824	15.02	12.586	0.667	12.31	12.859	0.538	10.02	13.086	0.431	8.09
16"	16.000	13.812	1.032	21.38	14.005	0.941	19.61	14.387	0.761	16.05	14.696	0.615	13.09	14.957	0.492	10.56
18"	18.000	15.539	1.161	27.05	15.755	1.059	24.83	16.183	0.857	20.33	16.533	0.692	16.57	16.894	0.553	13.35
20"	20.000	17.265	1.290	33.41	17.506	1.176	30.65	17.981	0.952	25.10	18.369	0.769	20.47	18.695	0.615	16.51
22"	22.000	18.991	1.419	40.42	19.256	1.294	37.08	19.779	1.048	30.38	20.206	0.846	24.77	20.565	0.677	19.97
24"	24.000	20.717	1.548	48.11	21.007	1.412	44.13	21.577	1.143	36.15	22.043	0.923	29.48	22.434	0.738	23.77

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