

High Density Polyethylene (HDPE) Pipe Chart

PE4710 - Ductile Iron Pipe Size (DIPS)



DIPS	SDR	7	9	11	13.5	17	21
OD	Pressure	335 psi	250 psi	200 psi	160 psi	125 psi	100 psi
4 4.800	Wall (minimum)	0.686	0.533	0.436	0.356	0.282	0.229
	ID (Average)	3.346	3.670	3.876	4.045	4.202	4.315
	Weight (lbs./ft.)	3.870	3.130	2.620	2.180	1.760	1.440
6 6.900	Wall (minimum)	0.986	0.767	0.627	0.511	0.406	0.329
	ID (Average)	4.810	5.274	5.571	5.817	6.039	6.203
	Weight (lbs./ft.)	8.000	6.470	5.420	4.500	3.640	2.980
8 9.050	Wall (minimum)	1.293	1.006	0.823	0.670	0.532	0.431
	ID (Average)	6.309	6.917	7.305	7.630	7.922	8.136
	Weight (lbs./ft.)	13.760	11.130	9.320	7.750	6.260	5.130
10 11.100	Wall (minimum)	1.586	1.233	1.009	0.822	0.653	0.529
	ID (Average)	7.738	8.486	8.961	9.357	9.716	9.979
	Weight (lbs./ft.)	20.070	16.740	14.030	11.660	9.420	7.720
12 13.200	Wall (minimum)	1.886	1.467	1.200	0.978	0.776	0.629
	ID (Average)	9.202	10.090	10.656	11.127	11.555	11.867
	Weight (lbs./ft.)	29.270	23.670	19.840	16.480	13.320	10.920
14 15.300	Wall (minimum)	2.186	1.700	1.391	1.133	0.900	0.729
	ID (Average)	10.666	11.696	12.351	12.898	13.392	13.755
	Weight (lbs./ft.)	39.330	31.800	26.650	22.150	17.890	14.670
16 17.400	Wall (minimum)	2.486	1.933	1.582	1.289	1.024	0.829
	ID (Average)	12.130	13.302	14.046	14.667	15.229	15.643
	Weight (lbs./ft.)	50.870	41.130	34.470	28.640	23.140	18.970
18 19.500	Wall (minimum)	2.786	2.167	1.773	1.444	1.147	0.929
	ID (Average)	13.594	14.906	15.742	16.439	17.068	17.531
	Weight (lbs./ft.)	63.890	51.660	43.290	35.970	29.070	23.830
20 21.600	Wall (minimum)	3.086	2.400	1.964	1.600	1.271	1.029
	ID (Average)	15.058	16.512	17.436	18.208	18.905	19.419
	Weight (lbs./ft.)	78.390	63.380	53.120	44.140	35.660	29.240
24 25.800	Wall (minimum)	3.686	2.867	2.345	1.911	1.518	1.229
	ID (Average)	17.986	19.722	20.829	21.749	22.582	23.195
	Weight (lbs./ft.)	111.830	90.430	75.780	62.970	50.880	41.720
30 32.000	Wall (minimum)		3.556	2.909	2.370	1.882	1.524
	ID (Average)		24.462	25.833	26.975	28.009	28.770
	Weight (lbs./ft.)		139.120	166.580	96.870	78.280	64.170
36 38.300	Wall (minimum)				2.837	2.253	1.824
	ID (Average)				32.285	33.524	34.434
	Weight (lbs./ft.)				138.770	112.130	91.920
42 44.500	Wall (minimum)						2.119
	ID (Average)						40.008
	Weight (lbs./ft.)						124.090
48 50.800	Wall (minimum)						2.419
	ID (Average)						131.950
	Weight (lbs./ft.)						161.720

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All dimensions are shown in inches.

Chart is condensed to display common sizes and SDRs. Additional sizes and SDRs are available. IPS dimensions provided on separate chart.

Pressure ratings shown are applicable to aqueous solutions including up to 2% hydrocarbons at 80°F.

Gajeske HDPE may confirm to these standards: ASTM F714, F2619, D2513, D3350, API 15LE, AWWA C906, AWWA C901, ASTM D3035