

PE3408/PE4710/PE100 Pipe

Pipe Data and Pressure Ratings – IPS

Pressure Rating		DR7 335 psi		DR9 255 psi		DR11 200 psi		DR13.5 160 psi		DR17 120 psi		DR21 100 psi	
Nominal Pipe Size	OD Size, inches	Min. Wall, inches	Weight, lbs/ft	Min. Wall, inches	Weight, lbs/ft	Min. Wall, inches	Weight, lbs/ft	Min. Wall, inches	Weight, lbs/ft	Min. Wall, inches	Weight, lbs/ft	Min. Wall, inches	Weight, lbs/ft
½"	0.840	0.120	0.119	0.093	0.096	0.076	0.080	---	---	---	---	---	---
¾"	1.050	0.150	0.185	0.117	0.150	0.095	0.126	---	---	---	---	---	---
1"	1.315	0.188	0.291	0.146	0.235	0.120	0.197	---	---	---	---	---	---
1 ¼"	1.660	0.237	0.463	0.184	0.374	0.151	0.314	0.123	0.261	---	---	---	---
1 ½"	1.900	0.271	0.607	0.211	0.490	0.173	0.411	0.141	0.342	---	---	---	---
2"	2.375	0.339	0.948	0.264	0.766	0.216	0.642	0.176	0.534	0.140	0.430	---	---
3"	3.500	0.500	2.058	0.389	1.664	0.318	1.395	0.259	1.159	0.206	0.936	0.167	0.768
4"	4.500	0.643	3.402	0.500	2.751	0.409	2.306	0.333	1.916	0.265	1.548	0.214	1.269
5"	5.375	0.768	4.854	0.597	3.925	0.489	3.289	0.398	2.733	0.316	2.208	0.256	1.810
5"	5.563	0.795	5.199	0.618	4.204	0.506	3.523	0.412	2.928	0.327	2.366	0.265	1.939
6"	6.625	0.946	7.374	0.736	5.963	0.602	4.997	0.491	4.152	0.390	3.355	0.315	2.750
7"	7.125	1.018	8.529	0.792	6.897	0.648	5.780	0.528	4.802	0.419	3.881	0.339	3.181
8"	8.625	1.232	12.498	0.958	10.106	0.784	8.470	0.639	7.037	0.507	5.687	0.411	4.662
10"	10.750	1.536	19.416	1.194	15.700	0.977	13.157	0.796	10.932	0.632	8.834	0.512	7.242
12"	12.750	1.821	27.312	1.417	22.085	1.159	18.508	0.944	15.379	0.750	12.427	0.607	10.187
14"	14.00	2.000	32.930	1.556	26.628	1.273	22.315	1.037	18.542	0.824	14.983	0.667	12.282
16"	16.00	2.286	43.010	1.778	34.779	1.455	29.146	1.185	24.218	0.941	19.569	0.762	16.042
18"	18.00	2.571	54.435	2.000	44.017	1.636	36.888	1.333	30.651	1.059	24.767	0.857	20.304
20"	20.00	2.857	67.203	2.222	54.342	1.818	45.541	1.481	37.840	1.176	30.577	0.952	25.066
22"	22.00	---	---	2.444	65.754	2.000	55.105	1.630	45.787	1.294	36.998	1.048	30.330
24"	24.00	---	---	2.667	78.253	2.182	65.579	1.778	54.21	1.412	43.80	1.143	35.99

- Pressures are based on water at 23°C (73.4°F) and are determined by use of the Hydrostatic Design Stress (HDS) as established by the Hydrostatic Stress Board (HSB) of the Plastics Pipe Institute (PPI). Service pressures for crude oil service shall be calculated in accordance with API 15LE.
- The above weights are calculated in accordance with Plastics Pipe Institute (PPI) TR-7, using a value of 0.960 for density.