



PE 3608 (PE3408) Energy - DriscoPlex[®] 6400 Series PE3608 IPS Pipe Data

Pipe weights are calculated in accordance with PPI TR-7. Average inside diameter calculated using nominal OD and minimum wall plus 6% for use in estimating fluid flows. Actual ID will vary. When designing components to fit the pipe ID, refer to pipe dimensions and tolerances in applicable pipe specifications. Pressure Ratings are for water at 73.4° F. For other fluid and service temperature, ratings may differ. Refer to Engineering Manual for Chemical and Environmental Considerations.

Pressure Rating		267 psi DR 7.0			255 psi DR 7.3			200 psi DR 9.0			160 psi DR 11.0			130 psi DR 13.5			100 psi DR 17			IPS Pipe Size
IPS Pipe Size	Nom OD (in)	Min Wall (in)	Avg ID (in)	Wgt (lbs/ft)	Min Wall (in)	Avg ID (in)	Wgt (lbs/ft)	Min Wall (in)	Avg ID (in)	Wgt (lbs/ft)	Min Wall (in)	Avg ID (in)	Wgt (lbs/ft)	Min Wall (in)	Avg ID (in)	Wgt (lbs/ft)	Min Wall (in)	Avg ID (in)	Wgt (lbs/ft)	
1"	1.315	0.188	0.916	0.29	0.180	0.933	0.28	0.146	1.005	0.23	0.120	1.061	0.20							
1 1/4"	1.660	0.237	1.158	0.46	0.227	1.179	0.44	0.184	1.270	0.37	0.151	1.340	0.31	0.123	1.399	0.26				1 1/4"
1 1/2"	1.900	0.271	1.325	0.60	0.260	1.349	0.58	0.211	1.453	0.49	0.173	1.533	0.41	0.141	1.601	0.34				1 1/2"
2"	2.375	0.339	1.656	0.94	0.325	1.686	0.91	0.264	1.815	0.76	0.216	1.917	0.64	0.176	2.002	0.53	0.140	2.078	0.43	2"
3"	3.500	0.500	2.440	2.05	0.479	2.485	1.98	0.389	2.675	1.66	0.318	2.826	1.39	0.259	2.951	1.15	0.206	3.063	0.93	3"
4"	4.500	0.643	3.137	3.38	0.616	3.194	3.27	0.500	3.440	2.74	0.409	3.633	2.29	0.333	3.794	1.91	0.265	3.938	1.54	4"
6"	6.625	0.946	4.619	7.34	0.908	4.700	7.09	0.736	5.065	5.93	0.602	5.349	4.97	0.491	5.584	4.13	0.390	5.798	3.34	6"
8"	8.625	1.232	6.013	12.43	1.182	6.119	12.01	0.958	6.594	10.05	0.784	6.963	8.43	0.639	7.270	7.00	0.507	7.550	5.66	8"
10"	10.750	1.536	7.494	19.31	1.473	7.627	18.66	1.194	8.219	15.62	0.977	8.679	13.09	0.796	9.062	10.88	0.632	9.410	8.79	10"
12"	12.750	1.821	8.889	27.17	1.747	9.046	26.24	1.417	9.746	21.97	1.159	10.293	18.41	0.944	10.749	15.30	0.750	11.160	12.36	12"
14"	14.000	2.000	9.760	32.76	1.918	9.934	31.64	1.556	10.701	26.49	1.273	11.301	22.20	1.037	11.802	18.45	0.824	12.253	14.90	14"
16"	16.000	2.286	11.154	42.79	2.192	11.353	41.33	1.778	12.231	34.60	1.455	12.915	28.99	1.185	13.488	24.09	0.941	14.005	19.47	16"
18"	18.000	2.571	12.549	54.15	2.466	12.772	52.31	2.000	13.760	43.79	1.636	14.532	36.70	1.333	15.174	30.49	1.059	15.755	24.64	18"
20"	20.000	2.857	13.943	66.85	2.740	14.191	64.58	2.222	15.289	54.06	1.818	16.146	45.30	1.481	16.860	37.64	1.176	17.507	30.42	20"
22"	22.000	3.143	15.337	80.89	3.014	15.610	78.14	2.444	16.819	65.41	2.000	17.760	54.82	1.630	18.544	45.55	1.294	19.257	36.81	22"
24"	24.000	3.429	16.731	96.27	3.288	17.029	92.99	2.667	18.346	77.85	2.182	19.374	65.24	1.778	20.231	54.21	1.412	21.007	43.80	24"
26"	26.000							2.889	19.875	91.36	2.364	20.988	76.56	1.926	21.917	63.62	1.529	22.759	51.41	26"
28"	28.000							3.111	21.405	105.96	2.545	22.605	88.80	2.074	23.603	73.78	1.647	24.508	59.62	28"
30"	30.000							3.333	22.934	121.63	2.727	24.219	101.93	2.222	25.289	84.70	1.765	26.258	68.44	30"
32"	32.000										2.909	25.833	115.98	2.370	26.976	96.37	1.882	28.010	77.87	32"
34"	34.000										3.091	27.447	130.93	2.519	28.660	108.79	2.000	29.760	87.91	34"
36"	36.000										3.273	29.061	146.78	2.667	30.346	121.96	2.118	31.510	98.55	36"

Pressure ratings are calculated using 0.50 design factor for HDS at 73°F as listed in PPI TR-4 for PE3608 materials. Temperature, chemical and environmental use considerations may require use of additional design factors.

Other Sizes and Dimensions Available

Bulletin: PP 155-3608 (3408)

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