

DriscoPlex® 6300 Series Pipe

For Non-Federally Regulated Energy Applications



Pressure Ratings are calculated using a 0.63 design factor for HDS at 73°F as listed in PPI TR-4 for PE 4710 materials. Temperature, chemical, and environmental use considerations may require the use of additional design factors. The pressure ratings below do not account for liquid hydrocarbons. Please see the Performance Pipe Field Handbook for more details. For federally-regulated gas gathering applications (49 CFR 192) please refer to the DriscoPlex® 6400 Series Pipe literature.

Pressure Rating		400 psi DR 6.0			335 psi DR 7.0			250 psi DR 9.0			200 psi DR 11.0			160 psi DR 13.5			125 psi DR 17.0		
Nominal Pipe Size	IPS OD (Inches)	Minimum Wall (Inches)	Avg ID (Inches)	Weight (lbs/ft)	Minimum Wall (Inches)	Avg ID (Inches)	Weight (lbs/ft)	Minimum Wall (Inches)	Avg ID (Inches)	Weight (lbs/ft)	Minimum Wall (Inches)	Avg ID (Inches)	Weight (lbs/ft)	Minimum Wall (Inches)	Avg ID (Inches)	Weight (lbs/ft)	Minimum Wall (Inches)	Avg ID (Inches)	Weight (lbs/ft)
3"	3.500	0.583	2.263	2.33	0.500	2.440	2.06	0.389	2.676	1.66	0.318	2.825	1.39	0.259	2.950	1.16	0.206	3.064	0.94
4"	4.500	0.750	2.910	3.85	0.643	3.137	3.40	0.500	3.440	2.75	0.409	3.633	2.31	0.333	3.793	1.92	0.265	3.939	1.55
6"	6.625	1.104	4.284	8.35	0.946	4.619	7.37	0.736	5.064	5.96	0.602	5.348	5.00	0.491	5.585	4.15	0.390	5.799	3.36
8"	8.625	1.438	5.578	14.15	1.232	6.013	12.50	0.958	6.593	10.11	0.784	6.963	8.47	0.639	7.271	7.04	0.507	7.549	5.69
10"	10.75	1.792	6.952	21.98	1.536	7.494	19.42	1.194	8.218	15.70	0.977	8.678	13.16	0.796	9.062	10.93	0.632	9.409	8.83
12"	12.75	2.125	8.245	30.92	1.821	8.889	27.31	1.417	9.747	22.08	1.159	10.293	18.51	0.944	10.748	15.38	0.750	11.160	12.43
14"	14.00	2.333	9.053	37.28	2.000	9.760	32.93	1.556	10.702	26.63	1.273	11.302	22.32	1.037	11.801	18.54	0.824	12.254	14.98
16"	16.00	2.667	10.347	48.69	2.286	11.154	43.01	1.778	12.231	34.78	1.455	12.916	29.15	1.185	13.487	24.22	0.941	14.005	19.57
18"	18.00	3.000	11.640	61.62	2.571	12.549	54.43	2.000	13.760	44.02	1.636	14.531	36.89	1.333	15.173	30.65	1.059	15.755	24.77
20"	20.00	3.333	12.933	76.07	2.857	13.943	67.20	2.222	15.289	54.34	1.818	16.145	45.54	1.481	16.859	37.84	1.176	17.506	30.58
22"	22.00	3.667	14.227	92.05	3.143	15.337	81.32	2.444	16.818	65.75	2.000	17.760	55.10	1.630	18.545	45.79	1.294	19.256	37.00
24"	24.00				3.429	16.731	96.77	2.667	18.347	78.25	2.182	19.375	65.58	1.778	20.231	54.49	1.412	21.007	44.03
26"	26.00				3.714	18.126	113.57	2.889	19.876	91.84	2.364	20.989	76.96	1.926	21.917	63.95	1.529	22.758	51.67
28"	28.00							3.111	21.404	106.51	2.545	22.604	89.26	2.074	23.603	74.17	1.647	24.508	59.93
30"	30.00							3.333	22.933	122.27	2.727	24.218	102.47	2.222	25.289	85.14	1.765	26.259	68.80
32"	32.00							3.556	24.462	139.12	2.909	25.833	116.58	2.370	26.975	96.87	1.882	28.009	78.28
34"	34.00							3.778	25.991	157.05	3.091	27.447	131.61	2.519	28.661	109.36	2.000	29.760	88.37
36"	36.00							4.000	27.520	176.07	3.273	29.062	147.55	2.667	30.347	122.60	2.118	31.511	99.07

Additional sizes and DR's may be available. Please contact Performance Pipe for further details.

This size and dimension chart is intended for reference purposes. It should not be used in place of the advice from a licensed Professional Engineer. Pipe weights are calculated in accordance with PPI TR-7. Average inside diameter is calculated using IPS 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 dimension and tolerances in the applicable pipe manufacturing specification.

Visit www.performancepipe.com for the most current literature.

For more information

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