

DRISCOPLEX[®] 1000 Series Pipe

DRISCOPLEX[®] 1000 Series Pipe Large Diameter Industrial HDPE Pipe



DRISCOPLEX[®] HDPE Pipe is available to meet your needs in compliance with ASTM D3035 or ASTM F714 product standards.

Produced from only the highest rated HDPE pipe material, DRISCOPLEX[®] 1000 Series Pipe is lead-free and manufactured from NSF-61/Annex G approved PE4710 resin as listed in PPI-TR4.

DRISCOPLEX[®] HDPE Pipe Advantages:

- ✓ Durable
- ✓ Leak Tight
- ✓ Excellent Flow
- ✓ Low Surge
- ✓ Fatigue Free
- ✓ Impact Resistant
- ✓ Trenchless Install
- ✓ Bend Radius
- ✓ Chemical Resistant
- ✓ UV Protection
- ✓ Flexibility
- ✓ Environmental

Optional Color Stripes to Identify the Application	
Color	Application
Green	Wastewater
Purple	Treated Effluent, Reclaimed Water
White – Gray – Brown	Customer Specified

Standard product is solid black with no stripes.
Optional 4 Single Stripe

DRISCOPLEX[®] 1000 Series Pipe

DriscoPlex [®] Series Pipe Material Physical Properties		
Property	Standard	Typical Value†
Material Designation	ASTM F714	PE4710
Cell Classification	ASTM D3350	445574C (black)
Density [4]	ASTM D1505	0.960 g/cc (black)
Melt Index [4]	ASTM D1238	0.08 g/10 min
Flexural Modulus [5]	ASTM D790	>120,000 psi
Tensile Strength [5]	ASTM D638 Type IV	>3500 psi
SCG (PENT) [7]	ASTM F1473	>500 hours
HDB at 73°F (23°C) [4]	ASTM D2837	1600 psi
Color; UV stabilizer [C] [E]	ASTM D3350	Black Color with UV Stabilizer

This is not a product specification and does not guarantee or establish specific minimum or maximum values or manufacturing tolerance for material or piping products to be supplied. Values obtained from tests of specimens taken from piping product may vary from these typical values.

Additional Sizes and DR available. Contact Performance Pipe or visit www.performancepipe.com

Common Dimension Ratios for DriscoPlex[®] 1000 IPS Pipe
(Custom DR's available. Contact Performance Pipe)

IPS		DR 21			DR 17			DR 13.5			DR 11			DR 9		
ASTM F714 PR		PR = 100 psi			PR = 125 psi			PR = 160 psi			PR = 200 psi			PR = 250 psi		
Pipe Size	OD, in.	Min Wall	Avg. ID	Wgt.	Min Wall	Avg. ID	Wgt.	Min Wall	Avg. ID	Wgt.	Min Wall	Avg. ID	Wgt.	Min Wall	Avg. ID	Wgt.
in.	in.	in.	in.	lbs/ft	in.	in.	lbs/ft	in.	in.	lbs/ft	in.	in.	lbs/ft	in.	in.	lbs/ft
26	26.00	1.238	23.375	42.36	1.529	22.759	51.67	1.926	21.917	63.95	2.364	20.988	76.96	2.889	19.875	91.84
28	28.00	1.333	25.174	49.13	1.647	24.508	59.93	2.074	23.603	74.17	2.545	22.605	89.26	3.111	21.405	106.51
30	30.00	1.429	26.971	56.40	1.765	26.258	68.80	2.222	25.289	85.14	2.727	24.219	102.47	3.333	22.934	122.27
32	32.00	1.524	28.769	64.17	1.882	28.010	78.28	2.370	26.976	96.87	2.909	25.833	116.58	3.556	24.462	139.12
34	34.00	1.619	30.568	72.44	2.000	29.760	88.37	2.519	28.660	109.36	3.091	27.447	131.61	3.778	25.991	157.05
36	36.00	1.714	32.366	81.21	2.118	31.510	99.07	2.667	30.346	122.60	3.273	29.061	147.55	4.000	27.520	176.07
42	42.00	2.000	37.760	110.54	2.471	36.761	134.84	3.111	35.405	166.88	3.818	33.905	200.84			
48	48.00	2.286	43.154	144.38	2.824	42.013	176.12									
54	54.00	2.571	48.549	182.73	3.176	47.266	222.90									

This product flyer is intended for reference purposes. It should not be used in place of the advice from a licensed Professional Engineer. Pressure Ratings are based on operating temperature up to 80°F. Pressure Rating is based on a 0.63 Design Factor per PPI TR-41. Average inside diameter is calculated using Nominal OD and Minimum Wall plus 6% for use in estimating fluid flow. Actual ID will vary. When designing components to fit the pipe ID, refer to pipe dimensions and tolerances in the applicable pipe manufacturing specification. Temperature, Chemical and Environmental use considerations may require additional design factors. Additional information available at www.performancepipe.com.