DRISCOPLEX® 1000 Series Pipe
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 manufactured from PE4710 resin 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

Performance Pipe, a division of Chevron Phillips Chemical Company LP | 5085 W. Park Blvd | Suite 500 | Plano, TX 75093 | Phone: 800-527-0662 | Fax: 972-599-7329

PERFORMANCE PIPE
A Division of Chevron Phillips Chemical Company LP

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.

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

IPS		DR 32.5			DR 17			DR 11			DR 9		
ASTM F714 PR		PR = 63 psi			PR = 125 psi			PR = 200 psi			PR = 250 psi		
Pipe Size in.	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
2	2.375	0.073	2.220	0.23	0.140	2.079	0.43	0.216	1.917	0.64	0.264	1.816	0.77
3	3.50	0.108	3.272	0.51	0.206	3.064	0.94	0.318	2.825	1.39	0.389	2.676	1.66
4	4.50	0.138	4.206	0.84	0.265	3.939	1.55	0.409	3.633	2.31	0.500	3.440	2.75
6	6.625	0.204	6.193	1.81	0.390	5.799	3.36	0.602	5.348	5.00	0.736	5.064	5.96
8	8.625	0.265	8.062	3.07	0.507	7.549	5.69	0.784	6.963	8.47	0.958	6.593	10.11
10	10.75	0.331	10.049	4.77	0.632	9.409	8.83	0.977	8.678	13.16	1.194	8.218	15.70
12	12.75	0.392	11.918	6.71	0.750	11.160	12.43	1.159	10.293	18.51	1.417	9.747	22.08
14	14.00	0.431	13.087	8.09	0.824	12.254	14.98	1.273	11.302	22.32	1.556	10.702	26.63
16	16.00	0.492	14.956	10.56	0.941	14.005	19.57	1.455	12.916	29.15	1.778	12.231	34.78
18	18.00	0.554	16.826	13.37	1.059	15.755	24.77	1.636	14.531	36.89	2.000	13.760	44.02
20	20.00	0.615	18.695	16.50	1.176	17.506	30.58	1.818	16.145	45.54	2.222	15.289	54.34
22	22.00	0.677	20.565	19.97	1.294	19.256	37.00	2.000	17.760	55.10	2.444	16.818	65.75
24	24.00	0.738	22.434	23.76	1.412	21.007	44.03	2.182	19.375	65.58	2.667	18.347	78.25
26	26.00	0.800	24.304	27.89	1.529	22.758	51.67	2.364	20.989	76.96	2.889	19.876	91.84
28	28.00	0.862	26.174	32.34	1.647	24.508	59.93	2.545	22.604	89.26	3.111	21.404	106.51
30	30.00	0.923	28.043	37.13	1.765	26.259	68.80	2.727	24.218	102.47	3.333	22.933	122.27
32	32.00	0.985	29.913	42.24	1.882	28.009	78.28	2.909	25.833	116.58	3.556	24.462	139.12
34	34.00	1.046	31.782	47.69	2.000	29.760	88.37	3.091	27.447	131.61			
36	36.00	1.108	33.652	53.46	2.118	31.511	99.07	3.273	29.062	147.55			
42	42.00	1.292	39.260	72.77	2.471	36.762	134.84	3.818	33.905	200.84			
48	48.00	1.477	44.869	95.05	2.824	42.014	176.12						
54	54.00	1.662	50.478	120.29	3.176	47.266	222.90						

Sizes highlighted in yellow represent standard sizes and DRs. Please contact Performance Pipe for questions about other available sizes and DRs.

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 (PR) are based on an operating temperature up to 80°F and for clean water applications. PR is calculated using 0.63 design factor for HDS as listed in PPI TR-4 for PE4710. Chemical, temperature and environmental use considerations may require additional design factors. 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. Additional size and information is available at www.performancepipe.com

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