

DRISCOPEX[®] 4600/4700 Series PE Piping

DRISCOPEX[®] 4600/4700 Series PE Piping HDPE Sewer Pipe



DRISCOPEX[®] HDPE Piping is available to meet your needs in compliance with ASTM F714 or AWWA C906 product standards.

Produced from only the highest rated HDPE pipe material, DRISCOPEX[®] 4600/4700 Series PE Piping is manufactured from PE4710 resin as listed in PPI-TR4.

DRISCOPEX[®] HDPE Piping 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

Standard product is solid gray with no stripes.
IPS – 4 Single Stripe / DIPS – 3 Sets of Dual Stripes

DRISCOPEX[®] 4600/4700 Series PE Piping

DriscoPlex [®] Series PE Piping Material Physical Properties		
Property	Standard	Typical Value†
Material Designation	ASTM F714	PE4710
Cell Classification	ASTM D3350	445574E (Gray)
Density [4]	ASTM D1505	0.950 g/cc (Gray)
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 [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

Selected Dimension Ratios for DriscoPlex [®] 4700 DIPS Pipe (Additional Sizes and DR's available. Contact Performance Pipe)							
DIPS		DR 19			DR 17		
ASTM F714 PR		PR = 112 psi			PR = 125 psi		
AWWA C906 PC		PC = 88 psi			PC = 100 psi		
Pipe Size, in.	OD, in.	Min Wall in.	Avg. ID in.	Wgt. lbs/ft	Min Wall in.	Avg. ID in.	Wgt. lbs/ft
4	4.80	0.253	4.264	1.59	0.282	4.201	1.76
6	6.90	0.363	6.130	3.28	0.406	6.040	3.64
8	9.05	0.476	8.040	5.64	0.532	7.921	6.26
10	11.10	0.584	9.861	8.49	0.653	9.716	9.42
12	13.20	0.695	11.727	12.00	0.776	11.554	13.32

Selected Dimension Ratios for DriscoPlex [®] 4600 IPS Pipe (Additional Sizes and DR's available. Contact Performance Pipe)							
IPS		DR 19			DR 17		
ASTM F714 PR		PR = 112 psi			PR = 125 psi		
AWWA C906 PC		PC = 88 psi			PC = 100 psi		
Pipe Size, in.	OD, in.	Min Wall in.	Avg. ID in.	Wgt. lbs/ft	Min Wall in.	Avg. ID in.	Wgt. lbs/ft
2	2.375	0.125	2.110	0.39	0.265	3.938	1.55
4	4.50	0.237	3.998	1.39	0.265	3.938	1.55
6	6.63	0.349	5.886	3.02	0.390	5.798	3.36
8	8.63	0.454	7.663	5.12	0.507	7.550	5.69
10	10.75	0.566	9.551	7.96	0.632	9.410	8.83
12	12.75	0.671	11.327	11.20	0.750	11.160	12.43

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 and Pressure Class are based on operating temperature up to 80°F. Pressure class is based on a 0.5 Design Factor for water application from AWWA while 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. Additional information available at www.performancepipe.com