



PerformancePipe.com

DRISCOPLEX® 4600 (IPS) / 4700 (DIPS)

SOLID GRAY HDPE PIPE DATA SHEET

DriscoPlex® 4600/4700 Pipe meets:

ASTM F714
 AWWA C906
 ASTM D3350 cell classification PE445574E
 PE 3408/4710

DriscoPlex® 4600/4700 Pipe for:

Sanitary, Treated, Storm Water Sewage
 Pipelines requiring video inspection capability
 4600 Series Iron Pipe Size OD (IPS) 4" to 54"
 4700 Series Ductile Iron Pipe Size OD (DIPS) 4" to 42"
 Solid Gray/Green Striping Available
Outdoor Storage up to two (2) years

NOMINAL PIPE PROPERTIES ⁽¹⁾	UNIT	TEST METHOD	VALUE
Density	gms / cm ³	ASTM D1505	0.950 (Gray)
Melt Index (MI), Condition 190°C / 2.16kg	gms / 10 minutes	ASTM D1238	0.08
Hydrostatic Design Basis 73°F (23°C)	psi	ASTM D2837	1600 psi
Hydrostatic Design Basis 140°F (60°C)	psi	ASTM D2837	1000 psi
Color: UV Stabilizer	---	ASTM D3350 [E]	Gray, UV Stabilized
NOMINAL MATERIAL PROPERTIES ⁽¹⁾	UNIT	TEST METHOD	VALUE
Flexural Modulus 2% Secant – 16:1 span: depth. 0.5 in / min.	psi	ASTM D790	>120,000
Tensile Strength at Yield	psi	ASTM D638 Type IV	>3500
Elongation at Break 2 in / min., Type IV Bar	%	ASTM D638	>800
Elastic Modulus	psi	ASTM D638	>175,000
Hardness	Shore D	ASTM D2240	62
PENT	hrs	ASTM F1473	>500
Vicat Softening Temperature	°F	ASTM D1525	256
Brittleness Temperature	°F	ASTM D746	< -103
Thermal Expansion	in / in / °F	ASTM D696	1.0 x 10 ⁻⁴

1. These are typical values and do not represent specific manufacturing requirements. Values are obtained from tests of specimens taken from compression molded plaques or piping products. The actual results may vary from these typical values.

When Performance Matters Rely on
Performance Pipe

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