



PerformancePipe.com

DRISCOPLEX® 4000 (DIPS) / 4100 (IPS)

HDPE PIPE DATA SHEET

DriscoPlex® 4000/4100 Pipe meets or exceeds:

ASTM F714 (4" and larger) AWWA C906 NSF/ANSI 61
ASTM D3035 (up to 3") AWWA C901 NSF/ANSI 61
ASTM D3350, cell classification PE445574C
PPI TR-4 designation PE4710
NSF/ANSI 14 – Available upon request

DriscoPlex® 4000/4100 Pipe for:

Potable Water, Raw Water, Sanitary Sewer,
Reclaimed Water, Storm Drain, Treated Sewage, etc.
Iron Pipe Size OD (IPS) ¾" to 54",
Ductile Iron Pipe Size OD (DIPS) 4" to 42"
40' and 50' Joints / Solid Black / Color Striping Available
500' coils available in sizes through 6"

NOMINAL PIPE PROPERTIES ⁽¹⁾	UNIT	TEST METHOD	VALUE PE4710
Density	gms / cm ³	ASTM D1505	0.960 (black)
Melt Index (HLM) Condition 190°C / 21.6kg	gms / 10 minutes	ASTM D1238	9.0
Hydrostatic Design Basis 73° F (23° C)	psi	ASTM D2837	1600
Hydrostatic Design Basis 140° F (60° C)	psi	ASTM D2837	1000
Color: UV Stabilizer [C]	---	ASTM D3350	Min 2% Carbon Black
NOMINAL MATERIAL PROPERTIES ^{(1) (2)}	UNIT	TEST METHOD	VALUE PE4710
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. 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.
2. Values obtained from tests of specimens taken from piping product may vary from these typical values.

When Performance Matters Rely on
Performance Pipe

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Performance Pipe, a division of Chevron Phillips Chemical Company LP | 5085 W. Park Blvd | Suite 500 | Plano, TX 75093 | Phone: 800-527-0662 | Fax: 972-599-7348

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