



PerformancePipe.com

DRISCOPEX[®] 1000

HDPE PIPE DATA SHEET

DriscoPlex[®] 1000 Pipe meets or exceeds:

ASTM F714 (4" and larger)
 ASTM D3035 (up to 3")
 ASTM D3350, cell classification PE345464C and PE445474C
 PPI TR-4 designation PE4710

DriscoPlex[®] 1000 Pipe for:

Non-Potable, Non AWWA Water
 Irrigation, Industrial, Agriculture
 Iron Pipe Size (IPS) ¾" to 54" Solid Black 40' and 50' Jts
 500' coils available in sizes through 6"

NOMINAL PIPE PROPERTIES ⁽¹⁾	UNIT	TEST METHOD	VALUE PE4710
Density	gms / cm ³	ASTM D1505	.0960 (black)
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
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	>115,000
Tensile Strength at Yield	psi	ASTM D638 Type IV	>3400
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

- 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.

When Performance Matters Rely on
Performance Pipe

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