



PerformancePipe.com

DRISCOPLEX® HDPE FITTINGS

DATA SHEET

DriscoPlex® Fittings meet or exceed:

ASTM D2513, D2683, D3261
 AWWA C906, AWWA C901
 FM 1613 Class 150 (DR 11) and Class 200 (DR 9)
 ASTM D3350, cell classification PE445574C and PE445576C
 PPI TR-4 designation PE4710 (PE3408) and PE100
 PPI TN-30

DriscoPlex® Fittings for:

All DriscoPlex® HDPE Pipe
 Iron Pipe Size OD (IPS) ½" to 8"
 Copper Tube Size OD (CTS) ½" to 1 ¼"
 Butt Fusion and Socket Fusion
 Flange Adapters Available 1 ½" through 24" IPS
 Mechanical Joint Adapters 4" through 12"

NOMINAL FITTINGS PROPERTIES ⁽¹⁾	UNIT	TEST METHOD	VALUE
Density	gms / cm ³	ASTM D1505	0.961 (black)
Melt Index (HLMI) 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
Minimum Required Strength (MRS) @ 20° C (68° F)	Mpa (psi)	ISO 9080	>10 (>1450)
Test Category	---	ASTM D2513	CEE
NOMINAL MATERIAL PROPERTIES ^{(1) (2)}	UNIT	TEST METHOD	VALUE
Flexural Modulus @ 2% Strain	psi	ASTM D790	>140,000
Tensile Strength at Yield	psi	ASTM D638 Type IV	>3500
Elongation at Break 2 in / min., Type IV Bar	%	ASTM D638	>800
Hardness	Shore D	ASTM D2240	65
PENT	hrs	ASTM F1473	>2000
Vicat Softening Temperature	°F	ASTM D1525	255
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.
3. Melt Index (MI) value determined in accordance with ASTM D3350 Cell Classification is <0.15 gm/10 min at 2.16kg condition.

When Performance Matters Rely on
Performance Pipe

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