



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 (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 |
| 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 | >1000 |
| 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 |

- 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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