



PerformancePipe.com

DRISCOPEX® 4000 (DIPS) / 4100 (IPS)

HDPE PIPE DATA SHEET

DriscoPlex® 4000/4100 Pipe meets or exceeds:

ASTM F714 (4" and larger) AWWA C906 NSF 61
 ASTM D3035 (up to 3") AWWA C901 NSF 61
 ASTM D3350, cell classification PE345464C and PE445474C
 PPI TR-4 designation PE3608 and PE4710
 NSF 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 PE3608 | VALUE PE4710 |
|---|-----------------------|----------------------|------------------------|------------------------|
| Density | gms / cm ³ | ASTM D1505 | 0.955 (black) | .0960 (black) |
| Melt Index (MI) Condition 190°C / 2.16kg | gms / 10 minutes | ASTM D1238 | 0.08 | 0.08 |
| Hydrostatic Design Basis 73° F (23° C) | psi | ASTM D2837 | 1600 | 1600 |
| Hydrostatic Design Basis 140° F (60° C) | psi | ASTM D2837 | 800 | 1000 |
| Color: UV Stabilizer [C] | --- | ASTM D3350 | Min 2% Carbon Black | Min 2% Carbon Black |
| NOMINAL MATERIAL PROPERTIES ^{(1) (2)} | UNIT | TEST METHOD | VALUE PE3608 | VALUE PE4710 |
| Flexural Modulus 2% Secant – 16:1 span: depth. 0.5 in / min. | psi | ASTM D790 | >110,000 | >115,000 |
| Tensile Strength at Yield | psi | ASTM D638 Type IV | 3200 | >3400 |
| Elongation at Break 2 in / min., Type IV Bar | % | ASTM D638 | >800 | >800 |
| Elastic Modulus | psi | ASTM D638 | >150,000 | >175,000 |
| Hardness | Shore D | ASTM D2240 | 62 | 62 |
| PENT | hrs | ASTM F1473 | >100 | >500 |
| Vicat Softening Temperature | °F | ASTM D1525 | 256 | 256 |
| Brittleness Temperature | °F | ASTM D746 | < -103 | < -103 |
| Thermal Expansion | in / in / °F | ASTM D696 | 1.0 x 10 ⁻⁴ | 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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