



PerformancePipe.com

### DRISCOPEX® 1700 MINING STRIPE HDPE PIPE DATA SHEET

DriscoPlex® 1700 Pipe meets or exceeds:

ASTM F714  
ASTM D3350, cell classification PE445574C  
PPI TR-4 designation PE4710

DriscoPlex® 1700 Pipe for:

Iron Pipe Size OD (IPS) 4" to 54",  
40' and 50' Joints / Solid Black

Single Color Stripe for DR Identification

DR6 – Pink, DR7 – White, DR9 – Red, DR11 – Yellow,  
DR13.5 – Gray, DR15.5 – Orange, DR17 – Blue,  
DR21 – Purple, DR26 – Green, DR32.5 – Brown

| NOMINAL PIPE PROPERTIES <sup>(1)</sup>                          | UNIT                  | TEST METHOD          | VALUE PE4710           |
|-----------------------------------------------------------------|-----------------------|----------------------|------------------------|
| Density                                                         | gms / cm <sup>3</sup> | ASTM D1505           | 0.960 (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 <sup>(1) (2)</sup>                  | UNIT                  | TEST METHOD          | VALUE PE4710           |
| Flexural Modulus<br>2% Secant – 16:1 span: depth. 0.5 in / min. | psi                   | ASTM D790            | >120,000               |
| Tensile Strength at Yield                                       | psi                   | ASTM D638<br>Type IV | >3500                  |
| Elongation at Break<br>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 <sup>-4</sup> |

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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