

# DriscoPlex<sup>®</sup> 6500 Series MDPE Pipe

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## DriscoPlex<sup>®</sup> 6500 Series Pipe and Fittings meet or exceed:

- ✓ ASTM D2513, D2683, D3261
- ✓ CAN/CSA-B137.4
- ✓ UPC
- ✓ ASTM D3350, cell classification  
PE234373E and PE234375E
- ✓ PPI TR-4 designations PE2708 and PE80

## DriscoPlex<sup>®</sup> 6500 Series Pipe and Fittings for:

- ✓ Natural Gas Distribution, LPG and  
Propane Gas Distribution, Yard Gas
- ✓ Iron Pipe Size OD (IPS) ½" to 12"
- ✓ Copper Tube Size OD (CTS) ½" to 1¼"

**▶ Outdoor Storage up to three (3) years  
per ASTM D2513**

| NOMINAL PIPE PROPERTIES <sup>1</sup>       |                          | UNIT                  | TEST METHOD       | VALUE                 |
|--|--------------------------|-----------------------|-------------------|-----------------------|
| Density                                    |                          | gms / cm <sup>3</sup> | ASTM D1505        | 0.939 (yellow)        |
| Melt Index (MI) Condition                  | 190°C / 2.16kg           | gms / 10 min          | ASTM D1238        | 0.18                  |
| Hydrostatic Design Basis                   | 73°F (23°C)              | psi                   | ASTM D2837        | 1250                  |
| Hydrostatic Design Basis                   | 140°F (60°C)             | psi                   | ASTM D2837        | 800                   |
| Minimum Required Strength                  |                          | MPa (psi)             | ISO 9080          | 8.0 (1160)            |
| Rapid Crack Propagation (Pc) 0°C (32°F)    |                          | Bar (psi)             | ISO 13478         | 8.5 (123)             |
| Color; UV Stabilizer [E]                   |                          | —                     | ASTM D3350        | Yellow; UV stabilized |
| Pipe Test Category                         |                          | —                     | ASTM D2513        | CDE                   |
| NOMINAL MATERIAL PROPERTIES <sup>1,2</sup> |                          | UNIT                  | TEST METHOD       | VALUE                 |
| Flexural Modulus at 2% secant              |                          | psi                   | ASTM D790         | >90,000               |
| Tensile Strength at Yield                  |                          | psi                   | ASTM D638 Type IV | 2,800                 |
| Elongation at Break                        | 2 in / min., Type IV bar | %                     | ASTM D638         | 800                   |
| PENT                                       |                          | hrs                   | ASTM F1473        | >2,000                |

<sup>1</sup> This is not a product specification and does not guarantee or establish specific minimum or maximum values or manufacturing tolerances for material or piping products to be supplied.

<sup>2</sup> Values obtained from tests of specimens taken from piping product may vary from these typical values.

<sup>3</sup> Determination made on 8" DR-11 pipes for Full Scale test. Pc calculated in accordance with ISO 13478.

This data sheet provides typical properties for Performance Pipe DriscoPlex<sup>®</sup> pipe and fittings. Before using this product, the user is advised and cautioned to make their own determination and assessment of the safety and suitability of the product for the specific use in question and is further advised against relying on the information contained herein as it may relate to any specific use or application. It is the ultimate responsibility of the user to ensure that the product is suited and the information is applicable to the user's specific application. Chevron Phillips Chemical Company LP does not make, and expressly disclaims, all warranties, including warranties of merchantability or fitness for a particular purpose, regardless of whether oral or written, express or implied, allegedly arising from any usage of any trade or from any course of dealing in connection with the use of information contained herein or the product itself. The user expressly assumes all risk and liability, whether based in contract, tort or otherwise, in connection with the use of the information contained herein or the product itself. Further, information contained herein is given without reference to any intellectual property issues, as well as federal, state or local laws which may be encountered in the use thereof. Such questions should be investigated by the user. The data sheet may change periodically. Visit [www.performancepipe.com](http://www.performancepipe.com) for the most current data sheet.

## For more information

### Performance Pipe

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