

BIMODAL HDPE PIPE DATA SHEET

Yellowstripe® 8300 Series HDPE Pipe

Please visit www.performancepipe.com
for the most up-to-date information

Yellowstripe® 8300 Series Pipe meets or exceeds:

- ✓ ASTM D2513
- ✓ CAN/CSA-B137.4
- ✓ UPC
- ✓ ASTM D3350, cell classification
PE445574C and PE445576C
- ✓ PPI TR-4 designations PE4710 and PE100

Yellowstripe® 8300 Series Pipe for:

- ✓ Natural Gas Distribution, LPG and
Propane Gas Distribution, Yard Gas
- ✓ Iron Pipe Size OD (IPS) ½" to 24"
- ✓ Copper Tube Size OD (CTS) ½" to 1¼"
- ✓ Coils available up through 6"

▶ Outdoor Storage up to ten (10) years
per ASTM D2513

NOMINAL PIPE PROPERTIES ¹		UNIT	TEST METHOD	VALUE
Density		g / cm ³	ASTM D1505	0.961 (black)
Melt Index (HLM) ²	190°C / 21.6 kg	g / 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)
Rapid Crack Propagation	Full Scale 0°C (32°F) ³	bar (psi)	ISO 13478	>45.7 (>663)
Color: UV Stabilizer [C]		—	ASTM D3350	Min 2% Carbon Black
Pipe Test Category		—	ASTM D2513	CEE
NOMINAL MATERIAL PROPERTIES ^{1,4}		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	>500
PENT		hrs	ASTM F1473	10,000

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 Melt Index (MI) value determined in accordance with ASTM D3350 Cell Classification is <0.15 gm/10 min at 2.16kg.

³ Calculated value per correlation equation in ISO 4437 based on S4 test data on 10" IPS DR 11.

⁴ Values obtained from tests taken from actual piping product may vary from these typical values.

This data sheet provides typical properties for Performance Pipe DriscoPlex® 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 for the most current data sheet.

For more information

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