



PerformancePipe.com

DRISCOPLEX® 8400 Series Yellow HDPE Pipe

PIPE SERIES DATA SHEET

DriscoPlex® 8400 Series Pipe meets or exceeds:

DriscoPlex® 8400 Series Pipe for:

ASTM D2513
CAN/CSA-B137.4
ASTM D3350, cell classification PE445574E
PPI TR-4 designation PE4710

Natural Gas Distribution, LPG and
Propane Gas Distribution, Yard Gas

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

NOMINAL PIPE RESIN PROPERTIES ⁽¹⁾	UNIT	TEST METHOD	VALUE
Density	g / cm ³	ASTM D792	0.949 (natural)
Melt Index (HLMI) 190°C / 21.6 kg	g / 10 minutes	ASTM D1238	7.5
Hydrostatic Design Basis 73° F (23° C)	psi	ASTM D2837	1600
Hydrostatic Design Basis 140° F (60° C)	psi	ASTM D2837	1000
Rapid Crack Propagation Full Scale, 0°C (32°F) ⁽³⁾	bar (psi)	ISO 13478	>45.7 (>663)
Color: UV Stabilizer [E]	---	ASTM D3350	Yellow, UV stabilized
Pipe Test Category	---	ASTM D2513	CEE
NOMINAL MATERIAL PROPERTIES ^{(1) (2)}	UNIT	TEST METHOD	VALUE
Flexural Modulus @ 2% Strain	psi	ASTM D790	150,000
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. Values obtained from tests taken from actual piping product may vary from these typical values.
3. Calculated value per correlation equation in ISO 4437 based on S4 test data on 10" IPS DR 11.

When Performance Matters Rely on
Performance Pipe

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