

DriscoPlex® 4800 Series PE Pipe

DriscoPlex® 4800 Series Polyethylene Industrial Pipe



DriscoPlex® 4800 Series Industrial Pipe is manufactured from high quality medium-density polyethylene (MDPE) and conforms to ASTM F714.

DriscoPlex® 4800 is manufactured for long-term service for above and below ground industrial applications that benefit from higher abrasion resistance including mining tailing slurries and dredging applications.

- ✓ Greater abrasion resistance than HDPE PE4710 pipe (See [PP 844-TN Slurry Abrasion Resistance in PE Pipe](#))
- ✓ Less stiffness and greater ductility aids in field handling/installation
- ✓ Over 2% less weight than HDPE PE4710 pipe
- ✓ >4 times resistance to slow crack growth compared to the PE4710 requirement
- ✓ Same fusion parameters as PE4710 pipe and fittings

4800 series pipe is made with a single white stripe to signify pipe series. It may also be sold as solid black upon a special customer request.

Available sizing options can be found on [Bulletin PP168 4800 Series Size and Dimension](#)

DriscoPlex® 4800 Series Material Physical Properties		
Property	Standard	Typical Value
Material Designation	ASTM D3350	PE2708
Cell Classification	ASTM D3350	234373C (Black)
Density [2]	ASTM D1505	0.942 g/cc
Melt Index [3]	ASTM D1238	0.18 g/10 min
Flexural Modulus [4]	ASTM D790	90,000 psi
Tensile Strength [3]	ASTM D638 Type IV	2,800 psi
SCG (PENT) [7]	ASTM F1473	>2000 hours
Color; UV stabilizer [C]	ASTM D3350	2% Minimum Carbon Black

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. Values obtained from tests of specimens taken from piping product may vary from these typical values.