



SPECIFICATION SHEET

Main Office & Warehouse:

1275 Kyle Ct. Wauconda, IL 60084

Western Warehouse:

4000 East. US-6, Spanish Fork, UT 84660

High Density Cross Laminated Polywrap Sleeves

Specifications

Application: Barrier encasement of ductile iron pipe to prevent corrosion

Product Specifications

Raw Material: Linear High-Density Polyethylene

Group: 2 (Linear)

Density: 0.940 to 0.960 g/cm³

Finished Material: High Density Cross Laminated Polyethylene Film

Max Working Temp: 180° Fahrenheit

Color: Up To 3% Carbon Black Added for Color and UV Inhibitor

Recommendation: DIPRA (Ductile Iron Pipe Research Association)

Country of Origin: United States (manufactured in US from domestically sourced resins)

Standard: ANSI/AWWA C105/A21.5

TEST	AWWA C105/A21.5 MIN. REQ.	AA THREAD'S FILM*
Thickness	4MIL or 101gsm (internal)	4MIL ,102.6 gsm
Tensile Strength	6,300 psi (ASTM D882)	MD 7,593 psi
	MD & TD	TD 8,986 psi
Elongation	100% min. (ASTM D882)	MD 615.3%
	MD & TD	TD 388.7%
Dielectric Strength	800V/MIL (ASTM D149)	1,306 V/MIL
Dart Impact	800 grams (ASTM D1709)	868 grams
Propagation	250 grams force	MD 771 gf
Tear Resistance	(ASTM D1922) MD & TD	TD 972 gf
Propagation	(D2582) MD & TD	MD 9,556 grams
Puncture Tear		TD 7,890 grams

*Test results are averages performed from an independent lab on our 4MIL HDCL Polywrap.

Markings: Material printed with Spec No., Pipe Diameter Range, Year of manufacturing, Manufacturing Mark, and Warning of Corrosion Protection/Repair Damage.