



# AA Thread Seal Tape, Inc.

PTFE Thread Seal Tapes | PTFE Universal Joint Sealants  
Polyethylene Encasements for Ductile Iron Pipe  
PVC Pipe Wrapping Tapes | Industrial Tapes & Supplies

SINCE  
1979

## 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/cm<sup>3</sup>

**Finished Material:** High Density Cross Laminated Polyethylene Film

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

**Recommendation:** DIPRA (Ductile Iron Pipe Research Association)

**Standard:** ANSI/AWWA C105/A21.5

TEST	AWWA C105/A21.5 MIN. REQ.	AA THREAD'S FILM*
Thickness	4MIL or 101gsm (internal)	102.6 gsm
Tensile Strength	6,300 psi (ASTM D882) MD & TD	MD 7,593 psi TD 8,986 psi
Elongation	100% min. (ASTM D882) MD & TD	MD 615.3% 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

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