



# 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.



# Polyethylene Encasements

## Section 2

### Cross Laminated High Density Polyethylene Encasements (Polywrap) For Ductile Iron Pipe

#### 4 MIL Black X-Lam Polywrap Pipe Sleeves

Conforms to: ANSI/AWWA C105/A21.5

Item Number	Pipe Dia.	Tube Size	Weight/Case
75002	Up to 8"	20"x440' No Perf.	38 lbs
75005	10" to 14"	30"x220' No Perf.	28 lbs
75008	16" to 20"	41"x200' No Perf.	35 lbs
75010	20" to 24"	54"x200' No Perf.	46 lbs
75011	30"	67"x200' No Perf.	57 lbs
75012	36" to 42"	81"x100' No Perf.	35 lbs
75013	48"	95"x100' No Perf.	48 lbs
75014	54" to 60"	108"x100' No Perf.	54 lbs

