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## AA Thread Seal Tape, Inc.

Mechanical Joint with sharp objects



Full Corrosion Protection without Punctures or Tears



# New Joint Wrap Features Stronger Material

**M**any mechanical joints contain sharp objects that protrude from their surface. These sharp objects can puncture and tear through standard corrosion protection wraps including both 8 MIL Linear Low Density (LLDPE) and even 4 MIL Cross-Laminated High Density (CLHDPE) wraps. Punctures and tears in the wrap leave the joint vulnerable to soil contact and corrosion, shortening the life of one of the key elements in any piping system.

**A**fter talking with distributors at the 2007 American Water Works Association annual conference, staff at AA Thread Seal Tape began developing a product that could meet their distributors demands. What they came up with after a couple years of brain storming, developing, and tweaking their design is a 10 MIL CLHDPE Joint Wrap that is resistant to almost any kind of puncture or tear that can occur during installation.

**T**hrough their research, company staff found the main contributor to punctured or torn joint wraps is the bolt heads that shear off when the proper torque is applied during the joint assembly. The shaft of the bolt that is left behind almost always has a sharp spot on the top where the head sheared off. During installation and backfilling, there is enough pressure put against the wrap that this small sharp spot can poke through standard polyethylene wraps that are currently used. Even the smallest of holes can put the joint at risk for corrosion.

- Exceeds Specifications of ANSI/AWWA C105/A21.5 minimum requirements for thickness, elongation, and impact resistance.
- Made from 100% virgin High Density Polyethylene resins.
- Made of 10 MIL Cross-Laminated High Density Polyethylene
- 2 1/2 times thicker than the industry standard 4 MIL Cross-Laminated HDPE
- Offers superior protection for all mechanical joints
- Easy to install
- Available in 20" and 30" wide rolls that can be used to spiral wrap the joint.
- Available in pre-manufactured tubes that can be slipped over the joint (for joints up to 24" in diameter)
- AA Thread's material is unique in that it is the only one on the market that has a virtual third layer of protection that is obtained through a special heated ribbing process
- We are also the only company currently that offers a product designed specifically for protecting mechanical joints.