TRENTON®

Garlock®
An ENPRO Company

Wax-Tape® #1

Non-Firming Anticorrosion Wrap

Trenton's Wax-Tape® #1 non-firming anticorrosion wrap protects irregularly shaped underground fittings and is compatible with cathodic protection.

Wax-Tape® #1 anticorrosion wrap is composed of a blend of microcrystalline waxes, plasticizers and corrosion inhibitors saturated into a non-woven, non-stitch bonded synthetic fabric. Wax-Tape #1 wrap also contain no siliceous mineral fillers.

Wax-Tape #1 wrap has outstanding waterproofing characteristics, is an excellent dielectric barrier, and is composed of essentially inert materials that will not deteriorate. It remains pliable over time, so it continues to protect the surface and will flex with movement of the protected structure. Further, it is resistant to chemicals and bacteria commonly found in soils. Wax-Tape #1 wrap contains no VOCs, is nonflammable, nontoxic and noncarcinogenic.

In summary, Wax-Tape #1 anticorrosion wrap is a time-proven coating for belowground metal structures that is versatile, easily applied to regular or irregular surfaces, and has outstanding anticorrosion properties.

Wax-Tape® #1 wrap can be easily applied to small and large valves, flanges and bolts.

Typical Applications:

- Belowground pipe
- Bridge spans
- Irregular surfaces such as valves or fittings
- Structural steelwork
- Areas where blasting or painting may be impractical

Trenton Wax-Tape® Primer or Temcoat™ 3000 Primer is required prior to applying the Wax-Tape #1 wrap. It "wets" the surface, fills the metal pores, penetrates and inhibits existing rust and displaces moisture. Then Wax-Tape #1 wrap is wrapped and pressed onto the structure. It is an extremely conformable wrap and can be worked into the crevices and contours of irregular surfaces. Because it is self-sealing, it can be smoothed out so there is a continuous protective layer, with virtually no lap seams. It requires no drying or curing time, can be backfilled immediately and supports cathodic protection.

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Application Procedures:

- Wire brush and scrape the surface clean of dirt, loose coating and loose rust.
- Apply a thin film of primer. If the surface is wet, cold or rusty, further rub and press on the primer to displace moisture and ensure adhesion.
- With a downward-facing starting point, wrap on Trenton Wax-Tape® #1 wrap, using a 1" overlap. On straight pipe, apply slight tension to ensure contact with surface. On irregular surfaces, allow slack so the wrap can be molded into conformity. In either case, press and form the wrap so there are no air pockets or voids under it. Also, press and smooth out the lap seams to ensure they are sealed.
- After wrapping, rub the entire surface of the wrap to remove any air bubbles and to smooth the surface. Press the overlap seams to ensure they are sealed and tapered, especially on each end of the wrap application.
- Wax-Tape® #1 wrap does not require curing or drying time, so it can be backfilled immediately.
- If ambient work site temperatures are below 50°F, keep the wrap warm before application.
- For belowground pipes that are 10" or larger, apply a Trenton outerwrap, such as MCO® 110 outerwap. For aggressive soil conditions, a Trenton outerwrap, a rock shield, or select backfill should be considered.

Packaging:

2" x 9' rolls (48 rolls/case)
4" x 9' rolls (24 rolls/case)
6" x 9' rolls (16 rolls/case)
6" x 18' rolls (8 rolls/case)
9" x 18' rolls (6 rolls/case)
12" x 18' rolls (4 rolls/case)

Special widths and lengths available

Advantages:

- Ideal where only minimal surface preparation is possible
- Readily conforms to irregularly shaped surfaces
- Can be applied over wet surfaces
- Requires minimal surface preparation (SSPC SP2 or ISO St2)
- No drying or curing time before backfilling
- Non-toxic, non-carcinogenic, low Volatile Organic Components (VOCs)

Specifications:

Color:	Brown
Thickness:	70 — 90 mil (1,8 — 2,3 mm)
Dielectric strength:	236 V/mil
Application temp.:	-50 — 120°F (-45 — 49 °C)
Operating temp.:	-50 — 120°F (-45 — 49 °C)
Saturant pour point:	115 — 125°F (46 — 52 °C)

Conforms to AWWA C217

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