

# TRENTON®

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## #1 Wax-Tape®

Trenton's #1 Wax-Tape provides long-lasting protection and is compatible with many types of materials such as steel, ductile iron and PVC.



#1 Wax-Tape applied to coupling, street tee and leak clamp.



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

#1 Wax-Tape® is a microcrystalline wax blend saturated into a nonwoven synthetic fiber carrier used to protect underground metal structures from corrosion. Trenton Wax-Tapes have been successfully used as corrosion preventative materials for over 25 years.

Wax-Tape Primer is applied first as a surface conditioner. It "wets" the surface, fills the metal pores, penetrates and inhibits existing rust and displaces moisture. Then #1 Wax-Tape is wrapped and pressed onto the structure. It is an extremely conformable tape 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.

Where greater protection from backfill soil is required, #1 Wax-Tape can be overwrapped with Trenton Poly-Ply, Glas-Wrap, Guard-Wrap or MC Outerwrap protective wrappers, for increased mechanical strength and electrical resistance.

#1 Wax-Tape 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 wet the surface and will flex with movement of the protected structure. Further, it is resistant to chemicals and bacteria commonly found in soils. #1 Wax-Tape contains no VOCs, is nonflammable, nontoxic and noncarcinogenic.

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

# #1 WAX-TAPE

## Description:

#1 Wax-Tape is composed of a blend of microcrystalline wax, plasticizer and corrosion inhibitor (no clay fillers) saturated into a non-woven, nonstitch bonded synthetic fabric, forming a tape wrapper.

## End Use:

For application on underground metal surfaces, pipe or fittings to prevent corrosion.

## Application Procedures:

Wire brush and scrape the surface clean of dirt, loose coating and loose rust. Apply a thin film of Wax-Tape Primer. If the surface is wet, cold or rusty, rub and press on primer to displace moisture and ensure adhesion. Then wrap #1 Wax-Tape using a 1" overlap. On straight pipe apply slight tension to ensure contact with surface. On irregular surfaces allow slack so the tape can be molded into conformity. In either case, press and form the tape so there are no air pockets or voids under the tape. Also, press and smooth out the lap seams to ensure they are sealed. The tape does not require curing or drying time so it can be backfilled immediately. For pipe over 10" diameter, overwrap the tape with Trenton Poly-Ply, Glas-Wrap, Guard-Wrap or MC Outerwrap wrapper. For aggressive soil conditions a Trenton wrapper or a rock wrap or select backfill should be considered.

## Packaging:

4" x 9' rolls (24 rolls/case) 35 lb./case  
6" x 9' rolls (16 rolls/case) 35 lb./case  
Other widths and lengths available

## Specifications:

Color ..... Brown  
Thickness ..... 70-90 mils  
Weight ..... 4 lbs./sq. yd.  
Dielectric strength ..... 170 volt/mil  
Application temperature ..... 0-110°F  
Operating temperature ..... -50-120°F  
Saturant pour point ..... 115-125°F

## Advantages:

- Ideal where only minimal surface preparation is possible
- Conforms to irregular shapes
- No drying or curing time before backfilling
- Can be applied over wet surfaces
- Nontoxic, nonflammable, noncarcinogenic, no VOCs
- Easy cleanup with towel and hand cleaner
- Can be applied at low temperatures
- Compatible with other coatings
- Conforms to AWWA C217 and NACE RPO375
- Superior "wetting" properties
- Composed of inert materials that will not deteriorate

## Quantity Requirements:

Pipe Size	Tape Width	Rolls/100 ft.		Gallons of Wax-Tape Primer/100 ft.
		1" Overlap	55% Overlap	
2"	4"	30	52	.5
4"	4"	58	97	1.0
6"	4"	85	139	1.5
8"	4"	112	182	2.0
10"	6"	82	150	2.5
12"	6"	98	178	3.25
14"	6"	108	196	3.75
16"	6"	124	224	4.25
18"	6"	138	252	4.75
20"	6"	154	280	5.25
22"	6"	170	308	5.75
24"	6"	184	336	6.25

# WAX-TAPE PRIMER

## Description:

Wax-Tape Primer is a blend of microcrystalline wax, plasticizer, and corrosion inhibitors (no clay fillers). It has a paste-like consistency and is designed to displace moisture, penetrate rust and wet the surface, ensuring adhesion of the tape.

## End Use:

As a surface conditioner for underground metal surfaces prior to application of #1 Wax-Tape.

## Application Procedures:

Wire brush and scrape the surface clean. Apply Wax-Tape Primer by hand (glove). A thin film of primer will be sufficient. On wet, cold or rusty surfaces, rub and press Wax-Tape Primer firmly onto these areas, displacing moisture and ensuring adhesion to the surface. After application of the primer, #1 Wax-Tape may be applied immediately.

## Packaging:

One-gallon cans, four per carton. 32 lb./carton.

## Specifications:

Color ..... Brown  
Pour point ..... 100°-110°F  
Flash point ..... 350°F minimum  
Coverage (approximate) ..... 1 gal/100 sf

## Advantages:

- Goes on easily by hand
- Displaces moisture
- Penetrates surface rust
- Facilitates "wetting" of surfaces
- Ensures adhesion of tape
- Only a thin coat is required
- No waiting for drying or curing
- No mixing, thinning or stirring
- Compatible with other coatings
- Nontoxic, nonflammable, noncarcinogenic, no VOCs



Section of 16" pipe reconditioned using #1 Wax-Tape and Glas-Wrap.