

Tapecoat[®] 20

Proven Corrosion Protection for Underground Pipelines

Tapecoat 20 is a hot applied coal tar coating in tape form for underground gas, oil and water pipelines. Tapecoat 20 is designed to protect buried metal surfaces from corrosion and electrolysis. These surfaces include pipe, pipe joints, fittings, couplings, tanks, cable, conduit, tie rods and elevator casings. TC 20 is resistant to thermal expansion, impact and abrasion.

ISO 9001 Certified



TAPECOAT

Tapecoat 20[®] Corrosion Protection

Features/Specifications/Application

Composition:

Tapecoat 20 consists of a specially formulated pliable coal tar coating completely saturated into and bonded to both sides of a high tensile strength fabric. In addition it has a polyester film adhering to the coating which facilitates unwinding of the roll and acts as an outerwrap, providing additional mechanical strength against backfill and soil stress.

Technical Data:

Softening Point: 170°F +/- 5°F
(77°C +/- 3°C)

Penetration at 77°F: (25°C): 11.81-31.49 mils. (3-.8 mm)

Thickness: 58 mils. +/- 2
(1.47 +/- .05 mm)

ASTM G-8 C.D.: Excellent

Oil & Hydrocarbon Resistance: Excellent
Meets Federal Spec HHT 30a

Meets AWWA Standard C203

Compatible with coal tar, asphalt, polyethylene, polypropylene, FBE and other factory coatings.

Tests Used: ASTM E-28; ASTM D-5; ASTM G-8; ASTM G-20. Tests are conducted according to the latest revisions.

Application

Equipment: A torch with wide mouth burner is recommended.

Surface Preparation: Surface must be clean and dry. Wire brush to remove any loose rust and scale, dust or dirt. Oil, grease and all other residue are to be removed from pipe surface. Use torch to warm the surface and remove moisture prior to priming.

Primer Application: TC Omni-prime is the compatible primer for use with Tapecoat 20. Apply primer to the prepared surface by brush or roller at the rate of approximately 250 square feet per gallon (7.37 m²/liter). TC Omniprime should be applied 4" beyond the area to be wrapped with tape. Let primer dry before applying Tapecoat 20. TC Omniprime can also be used on stainless steel.

Tape Application: There are two recommended methods for applying Tapecoat 20 to a properly prepared and primed surface.

- **Spiral Wrap:** Flash flame of torch onto the side of the coating without the polyester film (outside of roll) until a smooth and glossy finish is obtained. Apply properly heated coating with tension to the surface of the pipe. Alternately heat and spiral wrap in a single thickness with a continuous 1/4" to 1" overlap (6.35 to 25.4 mm) of tape.
- **Cigarette Wrap:** Precut strips of Tapecoat 20 to a length equal to the circumference of the pipe plus a minimum of 3" for overlap. Follow general tape application instructions described above.