

ViscotaqTM PE OUTERWRAP

All-Purpose Protective Tape

Description

Viscotaq PE Outerwrap is a UV-resistant, high-density polyethylene tape that can be part of the Viscotaq coating system for corrosion prevention of underground and aboveground substrates. This Outerwrap provides mechanical protection and containment of the ViscoWrap or other tape products ensuring good adhesion to the substrate and continuous coverage of the entire substrate. This Outerwrap also aids in the self-healing of penetrations through the coating system

Uses

- Mechanical protection for Viscotaq Coating Systems
- Mechanical protection for Denso Petrolatum Tape Systems

Features

- Applies pressure to ensure good contact for Viscotaq coating with substrate and to aid in self-healing
- Impermeable to moisture and gases
- Easy to apply, no mixing or messy clean-up
- Resistant to aggressive soil conditions such as water, acid, salts, or soil organics
- Flexible, pliable, easily conforms to irregular shapes
- UV resistant
- Freeze / thaw resistant
- Application ranges from -40°F to 185°F (-40°C to 85°C)

Surface Prep

Apply PE Outerwrap directly to the ViscoWrap or petrolatum tape immediately after application of the wrap. No surface preparation is required for the wrap. Surface of substrate should be 5°F (3°C) or greater above the dew point. Always keep the working area clean and dry. Avoid the presence of water.



TECHNICAL DATA SHEET

Application

After wrapping of ViscoWrap or Petrolatum tape is completed, immediately begin wrapping with PE Outerwrap to complete the coating system. PE Outerwrap is applied in the following manner:

- PE Outerwrap should be wrapped with tension and a minimum of 50% overlap.
- The first and termination wraps should be a straight circumferential wrap.
- A ¼" section of ViscoWrap should still be visible at each end of the Outerwrap application.
- When using PE Outerwrap over ViscoWrap XHT, the service temperature can be increased to 239°F (115°C) by overwrapping with Denso Glass Outerwrap™.

Storage

Store in a dry, well-ventilated area between 40°F and 122°F (4°C to 50°C) in original, unopened containers. Shelf life is unlimited under these conditions. It is recommended that all components be stored between 68°F to 86°F (20°C to 30°C) for 24 hours prior to use for optimum product application characteristics.

Due to the adhesive nature of the product, release films / papers should be kept in place during storage and whenever the material is placed on its side after removal from the case.

Packaging

Tape Width	Tape Length	Rolls*/Case
in.	ft.	ea.
2" (50 mm)	100' (30.5 m)	24
4" (100 mm)	100' (30.5 m)	12
6" (150 mm)	100' (30.5 m)	8

Tech Data

Properties	Imperial	Metric
Material State	Black Tape	<i>Black Tape</i>
Thickness (ISO 4593:1993E)	15 mils	<i>0.38 mm</i>
Density (DIN 53479)	1.1-1.3	<i>1.1-1.3</i>
Water Absorption (ASTM D570-98)	<0.3 wt%	<i><0.3 wt%</i>
Impact Strength (EN 12068)	> 133 in-lbf	<i>>15 J</i>
Adhesive Strength (ASTM D1000)	> 133 in-lbf/in	<i>>0.56 kg/cm</i>
Tensile Strength (ASTM D1000)	30.0 lbf/in for 15 mils 40.0 lbf/in for 20 mils	<i>5.36 kg/cm for 0.38 mm 7.14 kg/cm for 0.50 mm</i>
Elongation (ASTM D1000)	250% for 15 mils 300% for 20 mils	<i>250% for 0.38 mm 300% for 0.50 mm</i>



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