



# EZ Wrap

## Product Data Sheet

**SKPS**<sup>®</sup>

Viscotaq<sup>®</sup> EZ-Wrap is a non crystalline a-polar viscous elastic solid polyolefin coating in roll form that is a versatile and economical product intended for corrosion protection and waterproofing of a wide range of applications for above ground substrates.

Viscotaq<sup>®</sup> EZ-Wrap is commonly applied as a system in conjunction with and for protection of the Viscotaq<sup>®</sup> ViscoSealant. Viscotaq<sup>®</sup> EZ-Wrap provides a quick and economical method of installation with excellent sealing properties. Viscotaq<sup>®</sup> EZ-Wrap has a white polyester non-woven reinforced fiber top layer that allows for the immediate painting or coating after installation. Viscotaq<sup>®</sup> EZ-Wrap is applied by removing a release liner and applying the tacky side to a clean and dry substrate.

### **General information**

Viscotaq<sup>®</sup> EZ-Wrap can be used in environments and on substrates with an ambient or surface temperature up to +71° C/+160°. The product can be applied without significant surface preparation.

Viscotaq<sup>®</sup> EZ-Wrap is engineered to prevent water infiltration in a variety of industries such as: telecommunications, utilities, transportation, electrical, water & wastewater, agriculture and more. Applications consist of sealing tank chimes, flanges, vaults penetrations, metal roof seams, around rooftop vent pipes, pipes, flashing, EPM roofing, cable entries, holes, cracks, storage tanks, industrial pools, manholes, basements, cable joints and more.

### **Performance**

- Viscotaq<sup>®</sup> EZ-Wrap is a long term solution to a variety of water infiltration problems.
- Viscotaq<sup>®</sup> EZ-Wrap has been installed with success on a variety of substrates, in numerous environments to prevent water infiltration.



**For more information, please contact us:**

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## Specifications

Viscotaq<sup>®</sup> EZ-Wrap is a mastic-like material designed with synthetic properties that will adhere to almost any surface without a primer.

Viscotaq<sup>®</sup> EZ-Wrap comes in rolls and is designed to be used as a long term solution for water infiltration and corrosion prevention.

## Uses

- ☑ Coating for concrete, steel, PVC, metal, wood, vinyl, and other coatings
- ☑ Soil-to-air transitions.
- ☑ Pipes, flanges, valves and fittings
- ☑ Girth welds
- ☑ Buried pipelines with minimal surface preparation
- ☑ Waterproofing of gravity-fed pipes, manholes, seams, penetrations, and cracks
- ☑ CUI applications
- ☑ End seal for pipe casing
- ☑ Tank chimes
- ☑ Waterproofing for bell and spigot joints

## Features

- ☑ Impermeable to moisture and gases
- ☑ Immediate adhesion to substrate / permanent wetting characteristics
- ☑ No primer needed
- ☑ Easy to apply, no mixing or messy clean-up
- ☑ Minimal surface preparation required (SP2-wire brush)
- ☑ Excellent cathodic protection / low cathodic disbondment
- ☑ Self-healing characteristics
- ☑ Inert material, no deterioration over time
- ☑ Resistant to aggressive soil conditions such as water, acid, salts, or soil organics
- ☑ Quick long-term protective coating, ready for immediate service
- ☑ Contains no solvents, no carcinogens, non-toxic, non-flammable
- ☑ Contains fire retardant materials and self-extinguishing
- ☑ UV resistant and never cracks or becomes brittle
- ☑ Flexible, pliable, conforms to irregular shapes easily
- ☑ Freeze / thaw resistant
- ☑ Thermal resistance from -45°F to 158°F (-45°C to 70°C)
- ☑ Ability to fill voids and anomalies of substrate
- ☑ Meets NACE 0109:2019 and ISO 21809-3:2016
- ☑ Available in high temperature grade

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## Surface Preparation

- Surface inspected prior to application with any defects documented.
- Minimum surface preparation should be ST2/SSPC-SP2 (Hand Tool Clean).
- Once loose material are removed, clean surface with denatured alcohol or acetone to remove any remaining dust, grease, and moisture.
- Surface of substrate should be 5°F (3°C) or greater above the dew point.
- Keep the working area clean and dry at all times. Avoid the presence of water.

## 1. EZ Wrap

Prior to the application of Viscotaq EZ Wrap, seal cracks, seams, etc. with ViscoMastic or ViscoMastic. After this, Viscotaq EZ Wrap is applied in the following manner:

- Remove the release liner and place the adhesive side onto the substrate.
- The initial wrap should be a straight circumferential wrap.
- Wrap at an angle to create a smooth overlap and to ensure no air pockets are formed during wrapping.
- For coating repairs, flat application areas and difficult to reach areas, EZ Wrap can be applied in pieces, strips, or individual circumferential wraps (cigarette wrap).

After wrapping of Viscotaq EZ Wrap is completed, paint EZ Wrap with Archco 15, a high build flexible water-based acrylic topcoat. Archco 15 shall be applied in two coats consisting of 18 to 23 mils (457 – 584 microns) wet film thickness per coat. Recoat time is approximately 1 to 2 hours at 77°F (25°C). For tank base applications see Tank Chime Sealing System Application instructions.

## Storage

Store in a dry, well-ventilated area between 40°F and 140°F (4°C to 60°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.

Properties	Imperial	Metric
Material State	Semisolid	Semisolid
Thickness (ISO 4593:1993E)	>70 mils	>1.8 mm
Density (DIN 53479)	1.1-1.4	1.1-1.4
Glass Transition Temperature (ASTM E1356-03)	-45.26°F	-42.92°C
Softening Point (ASTM E1356-03)	306°F	152°C
Water Vapor Permeability (ASTM E96/96M-10)	<5.6 x 10 <sup>-4</sup> lb/day/ft <sup>2</sup> /psi	<4 x 10 <sup>-4</sup> g/day/m <sup>2</sup> /Pa
Water Absorption (ISO 62)	<0.03%	<0.03%
Cathodic Disbondment at 73°F (23°C) (ASTM G8-96/ISO 21809-3)	0 mm (Self-healing)	0 mm (Self-healing)
Volume Resistivity (ASTM D257-07)	>8.7 x 10 <sup>12</sup> ohm*in	>2.2 x 10 <sup>13</sup> ohm*cm
Surface Resistivity (ASTM D257-07)	>6.0 x 10 <sup>16</sup> ohm*ft <sup>2</sup>	>5.6 x 10 <sup>15</sup> ohm*m <sup>2</sup>
Thermal Resistance	-45°F to 158°F	-45°C to 70°C
Dielectric Strength (ASTM D149-09)	>445 KV/in	>17.5 kV/mm
Impact Strength (ISO 21809-3 (2016) Annex D)	>133 in-lbf	>15 J (Immediate)
Indentation (ISO 21809-3 (2016) Annex E)	No holidays	No holidays
UV/Weather Cycle Test (ASTM D4587, 1000 Hours)	Excellent, rating 10	Excellent, rating 10
Wet Adhesion Test (CSA Z245-20-06 Sec. 12.14)	Excellent	Excellent
Chemical Resistance in Aggressive Soils Tested in Sulfuric Acid (30%), Nitric Acid (10%), Phosphoric Acid (20%), Hydrochloric Acid (10%)	Excellent No deterioration, 72 hours at 158°F / No corrosion, 72 hours at 158°F	Excellent No deterioration, 72 hours at 158°F / No corrosion, 72 hours at 70°C / No corrosion, 72 hours at 70°C