



Sap & Kaps Petroleum Services I.L.C

PIPELINE ENCAPSULATION SYSTEM

SYSTEM DESCRIPTION



Introduction

Viscotaq® is a viscous elastic coating for protection of underground and aboveground substrates. Once applied, Viscotaq® forms a homogenous, continuous, impervious coating which is self-healing in cases of minimal damages. Viscotaq® is available in rolls, paste form or as a sealant that is applied from a cartridge.



VISCOWRAP



OUTER WRAP

The Viscotaq® Viscowrap HT pipeline encapsulation system uses the Viscotaq® Viscowrap HT in conjunction with an Outer Wrap to provide long-term corrosion prevention for new and existing pipelines. Viscotaq® Viscowrap HT can be applied with minimal surface preparation, requires no primer, has no cure time and can be applied in a wide temperature range. The materials are non-toxic and contain no VOC's. Due to the manner of application on tenting is needed, overspray is not an issue and the system can be applied over a wide temperate range.

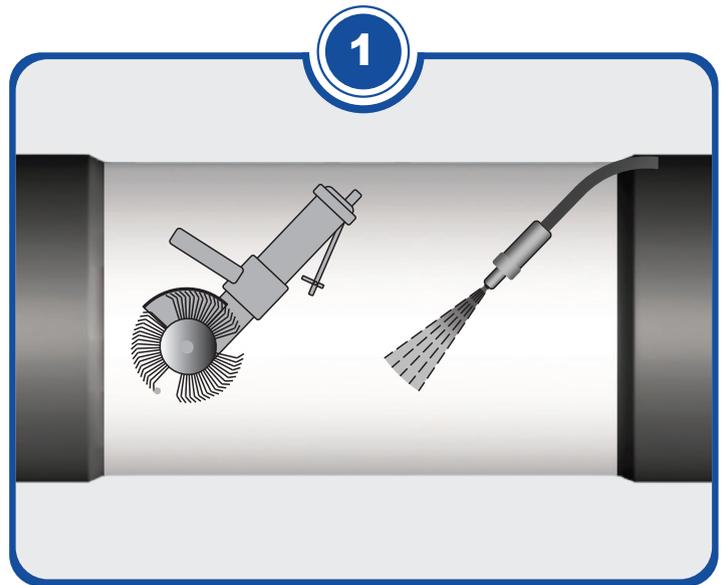
PROPERTIES

- Easy to apply
- Remains flexibility
- Permanent adhesion
- SP 2 Surface Preparation
- Long-term protection
- Non toxic
- Weather/Salt resistant UP to 185 °F
- Patent Pending Technology
- Cold applied
- No Primers
- UV Resistant
- CP Resistant
- Molds and forms easily
- Compatible with other coatings
- Manufactured under ISO 9001 standards
- Made in the USA
- Mils 70 coating plus outer wrap
- Tested to latest ASTM and CSA standards

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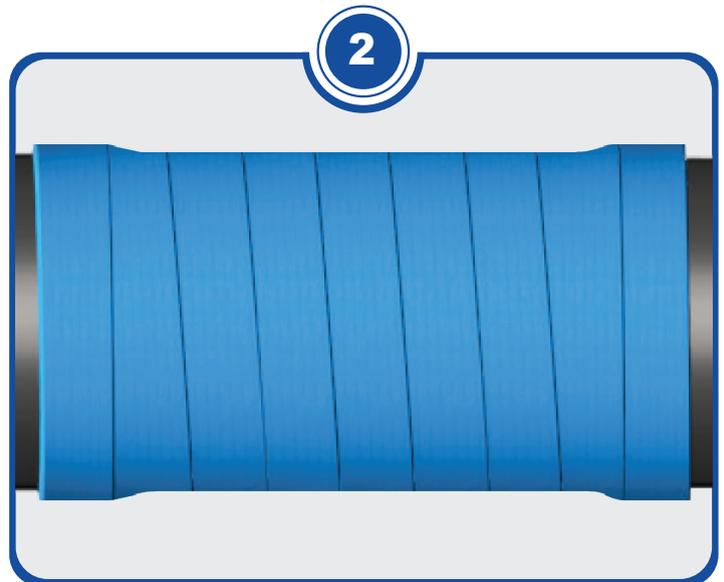
SURFACE PREPARATION

- 1.1 | Minimum Surface Preparation should be ST2/ SSPC-SP2 (Hand Tool Clean).
- 1.2 | Clean surface with denatured alcohol or acetone to remove any remaining dust, grease and moisture.
- 1.3 | Surface of the substrate should be 5°F+ above the dew point.
- 1.4 | The adjacent coating should be roughened by means of sand paper or a grinding machine (If applicable). Suggested overlap on to the existing pipe coating: <30" pipelines 4" overlap, >30" pipelines 6" overlap.



VISCOWRAP HT APPLICATION

- 2.1 | Viscotaq® Viscowrap HT is applied by removing the release liner and placing adhesive side on the pipe. Initial wrap should be a straight circumference wrap.
- 2.2 | Once initial straight circumference wrap is completed, wrap with slight tension and a minimum 1/2" overlap. Wrap at an angle to create a smooth overlap.
- 2.3 | For coating repairs and difficult to reach areas Viscotaq® Viscowrap HT can be applied in pieces, strips or individual circumference wraps (Cigarette Wrap).



PE/PVC OUTERWRAP APPLICATION

- 3.1 | Outerwrap should be wrapped with tension and a minimum of 50% overlap.
- 3.2 | First wrap and termination wrap should be a straight circumference wrap.
- 3.3 | A 1/4" section of Viscotaq® Viscowrap HT should still be visible at after the PVC or PE Outer Wrap had been applied.

