

# SKPS

Sap & Kaps Petroleum Services I.I.c

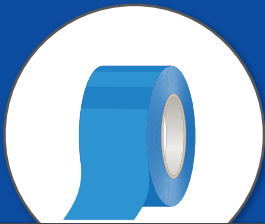
# VISCOTAQ<sup>®</sup> PU COMPOSITE WRAP

## SYSTEM DESCRIPTION

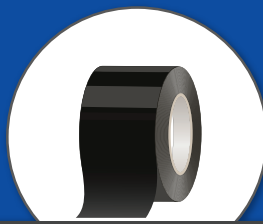


# Introduction

Viscotag® PU Composite Wrap is an odorless and nonflammable, durable, high strength material, impervious to fuels, most chemicals and solvents.



**VISCOWRAP**



**OUTER WRAP**



**COMPOSITE WRAP**

Viscotag® PU Composite Wrap is a composite system comprised of a proprietary polyurethane formula and custom woven biaxial glass fiber for mechanical protection and reinforcement of Viscotag® Viscowrap Innerwrap furnished factory impregnated with proprietary 22-77 resin system. As a biaxial fabric, it provides strength in two directions, hoop and transverse. Continuous temperature resistance in combination with Viscotag® Viscowrap is 100° C/212° F.

The viscosity and elasticity modulus of the material are designed in such a way that the viscosity modulus provides permanent wetting characteristics hence forcing the material to flow into the pores and anomalies of the substrates whereas the elasticity modulus provides the strength and elasticity of a solid.

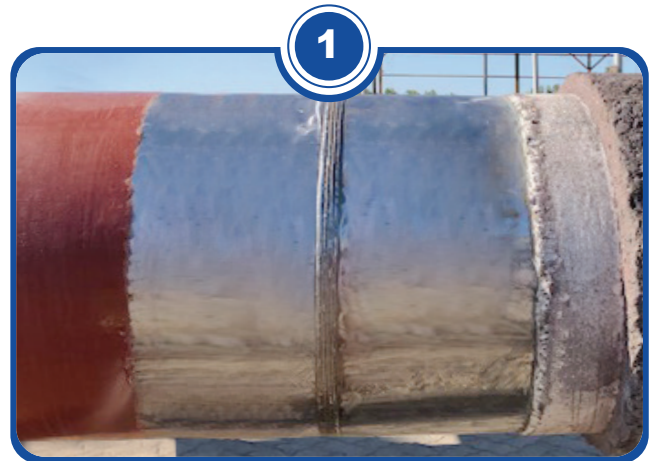
## FEATURES

- Ready to apply pre-packed bags
- Very high chemical resistance
- Very high temperature resistance
- Curing by field applied water
- Available in several widths
- No mixing of resins on site

# System Description

## SURFACE PREPARATION

- 1.1 Minimum surface preparation should be ST2/SSPC-SP2 (Hand Tool Clean).
- 1.2 Clean the surface with acetone to remove any remaining dust, grease and moisture.
- 1.3 Surface of the substrate should be 5°F+ above the dew point. The adjacent coating should be roughened. Suggested overlap on to the existing pipe coating: < 30" pipelines 4" overlap, > 30" pipelines 6" overlap.



## APPLICATION OF VISCOTAQ® VISCOWRAP

- 2.1 Viscotaq® Viscowrap 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 can be applied in pieces, strips or individual circumference wraps.



## APPLICATION OF VISCOTAQ® PE/PVC OUTERWRAP

- 3.1 Viscotaq® Outer Wrap 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 should still be visible at after the Viscotaq® PVC / PE Outer Wrap had been applied.



## APPLICATION OF VISCOTAQ® PU COMPOSITE WRAP

- 3.1 Viscotaq® PU Composite Wrap rolls circumference overlap is minimum 50%.
- 3.2 Linear overlap direction should be minimum 10 cm/4" on both sides of existing factory coating encapsulate Viscotaq® Viscowrap with a minimum of 10 cm.
- 3.3 Unpack the Viscotaq® PU Composite Wrap and wrap it onto the pipeline.
- 3.4 After the wrap spray the wrapped coating with water.

