

PE Outer Wrap

Product Data Sheet

SKPS®

Viscotag® PE Outer Wrap is a Heavy Duty polyethylene backing in the form of a roll, calendered with an adhesive. The tape is used as an Outer Wrap for the mechanical protection of Viscotag® products against soil stress, back fill procedures and other forms of mechanical impact. Furthermore, it gives a continuous external pressure to the Viscotag® corrosion prevention inner material and accelerates the process of the formation of a homologue continuous inner coating.

Viscotag® PE Outer Wrap is produced from MDPE/HDPE and is wrapped with a 50% overlap onto the VISCOTAQ corrosion prevention coating. The material is applied onto the substrate by hand or by means of a tape wrap machine.

Features

- ☑ Self adhesive Viscotag® MDPE/HDPE Outer Wrap
- ☑ Service temperature range -34° C/-29.2° F up to +85° C/+185° F
- ☑ Extremely flexible
- ☑ High aging resistance
- ☑ Overlap 50%
- ☑ UV resistant
- ☑ Strong adhesion to Viscotag® Viscowrap Inner Wrap
- ☑ Application by hand or machine
- ☑ Cold application, no open fire
- ☑ Excellent impact resistance
- ☑ Excellent abrasive resistance
- Standard color: in black

Use and application

- Mechanical protection for Viscotag Coating Systems
- Mechanical protection for Petrolatum Tape Systems
- As a mechanical outer wrap up to surface temperatures of +85° C/+185° F
- Continuous operating temperature up to 85° C/+185° F
- Application temperature > +5° C/+41° F



For more information, please contact us:

1557/TD/23 Rev-01- Page 01/02

Sap & Kaps Petroleum Services, LLC
Abu Dhabi, U.A.E.

☎ +971 50 667 9697, +971 2 4474288
✉ info@skps.com

Surface Preparation

- Apply PE Outerwrap directly to the ViscoWrap 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.

Application

After wrapping of ViscoWrap is completed, immediately begin wrapping with PE Outerwrap

- 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.

Measurement	Value	Method
Viscotag® Outer wrap PE		
Color	Black	N.A.
Total thickness	0,38 mm/15 mil or 0,50 mm/20 mil	ISO 9001
Backing thickness	0,254 mm for 0,38 mm	ISO 9001
	0,381 mm for 0,50 mm	ISO 9001
Adhesive thickness	0,127 mm for 0,38 mm	ISO 9001
	0,127 mm for 0,50 mm	ISO 9001
Application temperature	- 34° C/-29.2° F to +71° C/+159.8° F	N.A.
Application	3° C/5° F above the dew point	N.A.
	with tension	N.A.
	with minimum 50% overlap	N.A.
Water absorption	< 0,03 %	ASTM D570-98
Impact resistance	23° C > 15 J	EN 12068
Service temperature	- 34° C/-29.2° F to +85° C/+185° F	N.A.
Adhesive strength	23° C > 0,56 kg/cm	ASTM D1000
Tensile strength	5,36 kg/cm for 0,38 mm	ASTM D1000
	7,14 kg/cm for 0,50 mm	ASTM D1000
Elongation	250 % for 0,38 mm	ASTM D1000
	300 % for 0,50 mm	ASTM D1000
Viscotag® Outer Wrap PE In combination with Viscowrap HT (see also data sheet)		
Total thickness	> 2,56 mm (depending upon PE thickness)	ISO 9001
Impact resistance	> 15 J (self healing)	EN 12068
Indentation	> 10N/mm ²	EN 12068
At 23° C no holidays	(< 5 min)	EN 12068
At 71° C no holidays	(< 120 min)	EN 12068
Roll widths	50mm/2", 75mm/3" or 100 mm/4"	ISO 9001
Roll length	30 meter/100 feet	ISO 9001
Inner core	carton, 3"	ISO 9001
Packaging	Cardboard boxes	N.A.
Storage	Indoor, dry. By preference not above 40 C	N.A.