

VISCOTAQ[®] PVC Outer wrap

Product data sheet

Product description

VISCOTAQ PVC Outer Wrap is a Heavy Duty PVC in the form of a roll. The tape is used as an Outer Wrap for the mechanical protection of VISCOTAQ products against soil stress, back fill procedures and other forms of mechanical impact. Furthermore, it provides a continuous external pressure to the VISCOTAQ corrosion prevention inner material and accelerates the process of the formation of a homologue continuous inner coating. VISCOTAQ PVC Outer Wrap is produced from a High Quality PVC with an excellent resistance to chemicals 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.



General information

VISCOTAQ is a unique viscous-elastic non crystalline a-polar polyolefin for the protection of shaped and non-shaped substrates. VISCOTAQ offers the pipeline industry an unrivaled technology when it comes to corrosion prevention. Unlike other coatings VISCOTAQ always has a permanent and intimate contact with the surface of a substrate. 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.

Use and application

- 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 -34° C/-30° F to +71° C/+160° F

Features

- Self adhesive PVC Outer Wrap
- Service temperature range -45° C/-49° F up to +85° C/+185° F
- Standard thickness 0,50 mm/20 mil (also available in 0.25 mm/10 mil + 0.40 mm/15 mil)
- Overlap 50%
- Extremely flexible
- High aging resistance
- UV resistant
- Strong adhesion to VISCOWRAP Inner Wrap
- Application by hand or machine
- Cold application, no open fire
- Excellent impact resistance
- Excellent abrasive resistance
- Standard color: black

Measurement	Value	Method
Color	Black	N.A.
Total thickness	0,25 cm/10 mil, 0.40/15 mil or 0.50 cm/20 mil	ISO 9001
Standard length	30 m/100 ft (10 m/33 ft for 0.50 cm only)	ISO 9001
Width	50-100-150-200-400 mm 2"-4"-6"-8"-16" (North America 2"-4"-6")	ISO 9001
Application temperature	-34° C/-30° F to +71° C/+160° F	
Application	+3° C/+5° F above the dew point with tension with minimum 50% overlap	
UV resistance 23° C	Excellent	EN 12068
Di-Electric strength	≥ 15 kV/mm	
Service temperature	-45° C/-49° F up to +85° C/+185° F	
Adhesive strength 23° C	≥ 0.25 kg/25 mm	ASTM D1000
Tensile strength	10-28 N/cm	ASTM D1000
Elongation	≥ 175%	ASTM D1000

Testing was performed by Charter Coating Service Laboratories, Calgary, Canada.
Charter Coating is an ISO17025 certified laboratory.
Copies of reports are available upon request.

For further information please contact:



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