



PROTECTING YOUR WORLD

STAC VHD

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High Conformability Anticorrosion Tape

Description

Non-woven, plastic-fiber felt, fully saturated and coated with a mixed petrolatum compound (paraffin, microcrystalline, TiO₂) blended with inert fillers and corrosion inhibitors.

Uses

For long-life corrosion protection, sealing and waterproofing of industrial atmospheric metal surfaces. The high degree of conformability allows for heavy duty application over irregular surface profiles and protruding objects including bolts, nuts, bolted flanges, and couplings.

Characteristics

STAC VHD is stable in composition and plasticity over a wide temperature range.

STAC VHD is non-hardening and non-cracking, which accommodates vibrations and extreme movement of the substrate.

STAC VHD is non-toxic, non-flammable with high dielectric strength and highly resistant to mineral acids, alkalis and salts.

Application

May cut a square piece to suit and apply onto the protruding objects such as bolts on couplings with exerting force upon the substrates forcing the air out of the surface - providing a cut and paste effect.

Spirally wrapped using a minimum 2.5 cm overlap; where additional protection is required, and for all buried applications, the overlap shall be increased to 55% to ensure a double thickness of material.

May apply longitudinally (i.e., "cigarette wrapped") when space is too restricted or confined to apply in the preferred spiral manner, with the overlap on the topside of the pipe – providing a "weatherboard" effect.

At the completion of each roll, smooth the overlaps by hand in the direction of the spiral to ensure sealing of the overlap. Maintain a 5 cm overlap when overlapping one roll with the end of a new roll. Overlap must occur on the top half of the pipe.

Particulars	Properties	Test Method
Thickness	2.0 ± 10% mm avg.	ASTM-D1000
Weight	2.2 kg/m ² avg.	---
Tensile strength	200 N / 50 mm	ASTM-D1000
Cathodic disbondment	180 mm ² avg. (EXCELLENT)	ASTM-G8
Dielectric rigidity (55% overlap)	> 25 kV	ASTM-D149
Water vapor permeability	0.003 perms avg.	ASTM-E96-66 A
Resistance to Acids, Alkalies and Salts	Excellent	---
Application temperature	-5 °C to +55 °C	---
Operation temperature	Maximum 55 °C	---
Color	White	---
Recommended Primer	STACprime White	---

Compliant with ANSI/AWWA C217 STANDARD

Tape Dimensions

Tape Width	m ² /Roll	m ² /Case	Pipe Diameter Range
50 mm	0.25	9	15 – 25 mm
75 mm	0.375	9	25 – 40 mm
100 mm	.5	9	40 – 80 mm
150 mm	.75	9	100 – 200 mm
200 mm	1	12	250 – 600 mm
300 mm	1.5	9	≥ 700 mm

* All rolls are 5 meters in length.

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