

STACwrap 2.0

High Conformability Petrolatum (Heavy Duty) Tape

Description

Non-woven, plastic-fiber felt, fully saturated and coated with a neutral petrolatum compound blended with inert fillers and corrosion inhibitors.

Uses

For long-life corrosion protection, sealing and waterproofing of atmospheric, buried, and submerged metal surfaces. The high degree of conformability allows for application over irregular surface profiles including gas utility, sewer, potable water, mining, and wastewater applications.

Characteristics

STACwrap 2.0 is stable in composition and plasticity over a wide temperature range.

STACwrap 2.0 is non-hardening and non-cracking, which accommodates vibrations and extreme movement of the substrate.

STACwrap 2.0 is non-toxic, non-flammable with high dielectric strength and highly resistant to mineral acids, alkalis and salts, and conforms to AWWA Standard C217.

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. For vertical applications the wrap shall begin at the bottom and proceed up – providing a “weatherboard” overlap.

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.	ASTM-G8
Dielectric rigidity (55% overlap)	> 25 kV	ASTM-D149
Water vapor permeability	0.005 perms avg.	ASTM-E96-66 A
Resistance to Acids, Alkalies and Salts	Excellent	---
Application temperature	-5 °C to +60 °C	---
Operation temperature	Maximum 60 °C	---
Recommended Primer	STACfill STACfill LT STACprime STACprime UW	---

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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