

- Reliable protection of pipeline
- Easily conformable to special pieces
- Unalterable



DESCRIPTION

Dielectric petrolatum tape for sealing and corrosion protection on buried pipes or exposed to air, piping systems or metal construction with working temperatures up to + 50 ° C. It consists of a non-woven polyester reinforced with longitudinal seams (nr. 13 per linear inch) and impregnated with a petrolatum mastic modified by a sticky rubber, and protected on external layer by a polyethylene film. The tape is impermeable to water (also saline), to gases and oxygen vapours. The tape is applicable and malleable on irregular surfaces. The combination of paraffinic hydrocarbons makes it chemically inert and compatible with a wide spectrum of materials used in buildings: all types of metals, plastic polymers such as PE, PP, PES, PVC, ABS, PU, PA, etc.

TECHNICAL FEATURES

Properties	Standard	u.m.	Value
Thickness	-	mm	1.4
Carrier layer (non woven fabric)	-	-	polyester
Protective film	-	-	LDPE
LDPE additional protective film thickness	-	µm	35-40
Adhesive mass	-	g/m ²	1140
Saponification value of petrolatum compound	EN 12088	Mg KOH/g	59
Values according EN 12068 A30/DIN 30672 A30 for double layer application (min. overlap 50%)			
Impact resistance	EN 12068	J	≥4
Dielectric resistance	EN 12068	Ω*dm ²	10 ⁷
Cathodic disbondment	EN 12068	mm	≥20
Resistivity	-	Ω	2*10 ⁹
Tensile strength	-	Kg/cm	3
Working and application temperatures			
Continuous working temperature	-	°C	from -25 to +50
Application temperature External/pipeline	-	°C	from -25 to +50
RACITEX tape	-	°C	from -5 to +50

APPLICATION INSTRUCTIONS

For a good corrosion protection, the prior cleaning and drying of the surface to be coated is required. Carefully remove rust, dirt, welding residues.

Use an appropriate solvent to remove traces of oil, grease and for ultrasonic gel test.

Mechanically carry out the cleaning of deposits with an abrasion by means of a metal brush.

Apply the RACI-TEX band leaving on the outside the protective plastic film, proceeding with a 50% overlap wrapping spiral on the tube, or if the substrate is flat, or dividing it into small portions (patches) if of irregular shapes.

Apply the band with uniform tension when wrapped on the pipe, or with a minimum pressure if the media is flat or multifaceted.

Modelling and smoothing with hands (wearing gloves) the overlapping area in order to make it homogeneous.

For triple-layer application, proceed with a second application with an overlap of about 10 mm.

PACKAGING

Height [mm]	Rolls per carton	m per carton	m ² per carton	weight per carton [Kg]
50	36	360	18,0	21.6
100	18	180	18,0	21.6