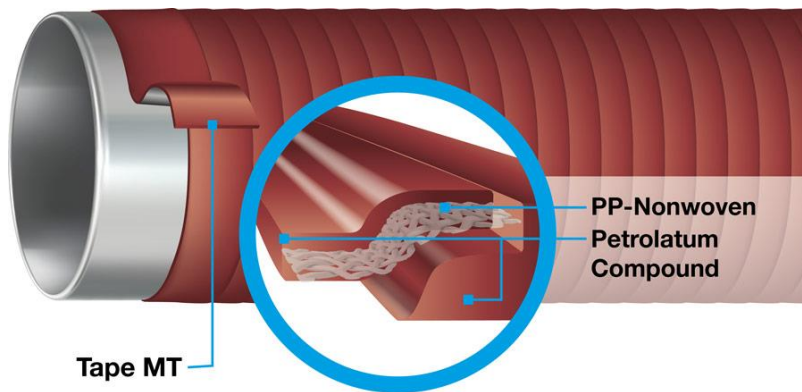








PLASTELEN[®]-Tape MT

Product information



Special advantages:

-  For operating temperatures of -30°C (-22°F) to +60°C (+140°F).
-  Easy processing on different pipe diameters and components.
-  Rust removal with a wire brush is adequate.
-  Solvent free.
-  Outstanding qualification for high mechanical and thermal loads.
-  Highly suitable for use on moist substrates in combination with **PLASTELEN[®]-AQ Primer**.

Petrolatum tape for reliable corrosion protection at medium operating temperatures, especially on wet surfaces.

DEKOTEC GmbH stands for experience, quality and reliability in the field of corrosion prevention and sealing technology. The success is based on the development of the Petrolatum-Tape which was already developed in 1927 as the first product worldwide for passive corrosion prevention of pipelines. We establish and guarantee the highest quality standards with technically trend-setting products. Research, development and production take place exclusively in Germany. Our employees are continuously implementing safe and individual solutions in a personal cooperation with the customer.

Description

PLASTELEN[®]-Tape MT is a corrosion prevention tape based on petrolatum in accordance with EN 12068. More than 90 years of experience, have been utilized for the development of **PLASTELEN[®]-Tape MT**.

PLASTELEN[®]-Tape MT consists of a robust polypropylene nonwoven and a corrosion prevention mastic based on petrolatum, which has a high dripping point and good adhesive resistances even at high temperatures. Therefore, **PLASTELEN[®]-Tape MT** is extremely well qualified for high mechanical and thermal loads at permanent operating temperatures of up to +60 °C (+140 °F), as well as short term temperatures of up to +80 °C (+176 °F).

PLASTELEN[®]-Tape MT is used in combination with **PLASTELEN[®]** petrolatum mastics, which are available for different requirements. For example, **PLASTELEN[®]-AQ Primer** permits the coating of moist substrates. **PLASTELEN[®]-PF Mastic** is, for example, especially qualified if large geometries must be formed (e.g. for the encasement of flanges).

PLASTELEN[®]-Tape MT is wrapped with 50% overlap over a surface that was prepared with a **PLASTELEN[®]** petrolatum mastic. **BUTYLEN-AS50**, **DEPROTEC[®]-PUR** or **DEPROTEC[®]-DRM PP** rockshield can be applied as an additional mechanical protection.

A high impact resistance is achieved in combination with **BUTYLEN-AS50** and an additional tight encasement will be established.

PLASTELEN[®]-Tape MT is part of the corrosion prevention system **VivaxCoat[®]**, which includes **PLASTELEN[®]-AQ Primer**, as a water repellent anti corrosion coating, as well as **DEPROTEC[®]-PUR** or **BUTYLEN-AS50**, as a mechanical protective tape. The system **VivaxCoat[®]** fulfills the requirements of the specifications of GRTgaz (France) for the classes HR and THR.

Typical product properties

Property	Unit	Typical value	Test method
Processing temperature	°C (°F)	-10 to +50 (+14 to +122)	-
Operating temperature	°C (°F)	-30 to +60 (-22 to +140)	-
Specific electrical insulation resistance	Ohm m ²	≥10 ⁶	EN 12068
Thickness	mm	≥1.7	-
Dripping test at +50°C (+122 °F)		No dripping	EN 12068
Cathodic disbondment resistance 28 days, +23°C ⁽¹⁾ (+73.4 °F)	mm (Radius)	≤7	EN 10329
Peel strength on steel ⁽¹⁾	+23°C (+73.4°F)	-	Cohesive separation pattern
	+60°C (+140°F)	-	Cohesive separation pattern
Impact resistance ⁽²⁾	J	>15	EN 12068
Indentation resistance at 60°C (140 °F) ⁽²⁾ (10MPa, 3d)	mm (Residual layer thickness)	>1.1	EN 12068
Resistance against microorganism (peel test) ⁽¹⁾	-	Cohesive separation pattern	EN 10329
Heat aging 100d at +80°C (+176 °F) ⁽¹⁾	-	Cohesive separation pattern	EN 10329

(1) System with **PLASTELEN®-AQ Primer**

(2) System with **PLASTELEN®-AQ Primer** and **BUTYLEN-AS50**

Ordering information and packaging

Width (mm)	Length (m)	Number of rolls per box	Total tape area per box (m ²)	Total tape length per box (m)
50	10	12	6	120
100	10	6	6	60
150	10	6	9	60

Additional dimensions available on request.

Storage

When stored in its original, unopened packaging, **PLASTELEN®-Tape MT** can be stored for at least 60 months after the manufacturing date.

Storage temperature: ≤ +40°C (+104°F)

The product must be stored dry, without load on the front surface.

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