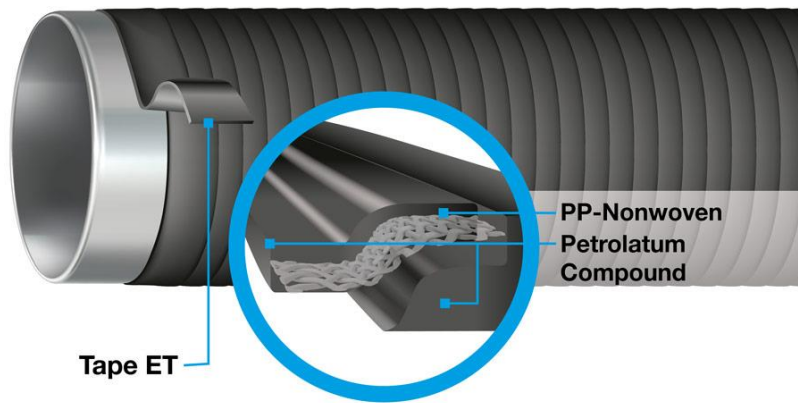


PLASTELEN[®]-Tape ET

Product information



Special advantages:

-  For operating temperatures of -40°C (-40°F) to +70°C (+158°F).
-  Non-dripping and easy to apply even at warmer temperatures.
-  Solvent-free.
-  Good adhesion to mechanical protective tapes made of PE or PVC.
-  Very good resistance to acids, salts and alkaline substances.
-  Cost-effective tape with outstanding price/quality ratio.

Multifunctional petrolatum tape for reliable corrosion prevention at high operating temperatures, particularly in hot areas.

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.

Product description

PLASTELEN[®]-Tape ET is a **multifunctional**, cold-applied, petrolatum-based corrosion prevention tape with a high-strength polypropylene non-woven inner.

It is ideal for providing long-term corrosion protection on metallic components, fittings, flanges, pipelines and pipeline components.

PLASTELEN[®]-Tape ET is **very malleable, particularly at high temperatures**, and is easy to apply thanks to its **optimal surface wetting** characteristics.

The product includes a special high-performance additive for maximum stability, making it suitable for use even in the world's hottest countries.

To protect the user applying the tape and the environment, **PLASTELEN[®]-Tape ET** is – like all PLASTELEN[®] petrolatum-based tapes and mastics – **solvent and odour-free**.

In addition to a wide application temperature range of -40°C (-40°F) to +70°C (+158°F), **PLASTELEN[®]-Tape ET** also shows high resistance to acids, salts and alkaline substances.

The technical performance and cost-effectiveness of **PLASTELEN[®]-Tape ET** results in a product that offers **excellent price/quality ratio**.

PLASTELEN[®]-Tape ET can also be used in conjunction with PLASTELEN[®] petrolatum mastics, which are available for a range of applications.

PLASTELEN[®]-Tape ET can be wrapped with 50% overlap around a surface pretreated with PLASTELEN[®] mastic. **DEKOTEC PE or PVC tapes** or **DEPROTEC[®]-DRM PP** protective rockshields can be applied to provide additional mechanical protection.

Thanks to its **special design**, the product combines perfectly with the mechanical protective tape.

This delivers both **high impact resistance** and an additional sealed casing.

Typical product properties

Property	Unit	Typical value	Test method
Processing temperature	°C (°F)	+5 to +55 (+41 to +131)	-
Operating temperature	°C (°F)	-40 to +70 (-40 to +158)	-
Carrier	-	Polypropylene, non-woven	-
Thickness	mm	≥ 1,1	-
Flash point	°C (°F)	≥ +150 (≥ +302)	AWWA
Dripping point	°C (°F)	≥ +100 (≥ +212)	EN 12068
Tear resistance at +23°C (73.4°F)	N/mm	approx. 4.0	EN 12068
Peel strength on steel at +23 °C (73.4°F)	-	Cohesive separation pattern	EN 12068
Cathodic disbondment resistance (30 days, +23°C (73.4°F))	mm	≤ 5	EN 12068
Dielectric strength (double-layered)	kV	≥ 16	ASTM D149

Ordering information and packaging

Width (mm)	Length (m)	Rolls per box	m ² per carton	Running m. per carton
50	10	24	12	240
100	10	12	12	120
150	10	12	18	120

Other dimensions available on request.

Storage

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

Storage temperature: ≤ +50°C (≤+122°F).

Store in a dry location and do not rest anything against the front of the product.

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