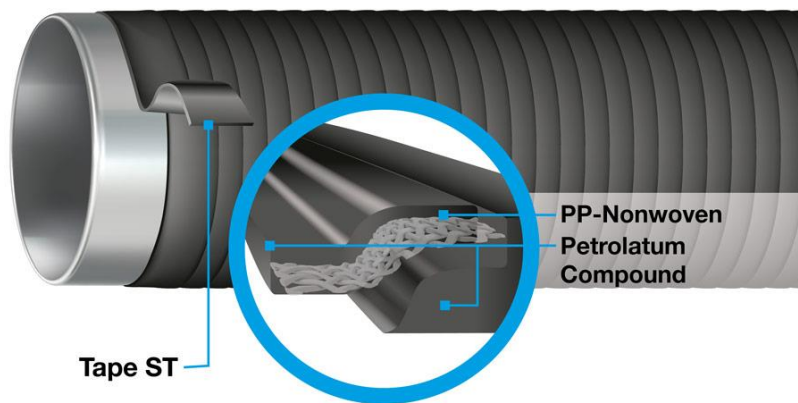







PLASTELEN[®]-Tape ST

Product information



Special advantages:

-  For operating temperatures of -40°C (-40°F) to +45°C (+113°F).
-  Flexible and adaptable even at low 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. Suitable for a wide range of applications.

Multifunctional petrolatum tape for reliable corrosion prevention with optimised surface wetting and simple application, particularly in cold 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 ST 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 ST is **very malleable even at low temperatures**, and is easy to apply thanks to its **optimal surface wetting** characteristics.

To protect the user applying the tape and the environment, **PLASTELEN[®]-Tape ST** 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 +45°C (+113°F), **PLASTELEN[®]-Tape ST** also shows high resistance to acids, salts and alkaline substances.

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

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

PLASTELEN[®]-Tape ST 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 +45 (+41 to +113)	-
Operating temperature	°C (°F)	-40 to +45 (-40 to +113)	-
Carrier	-	Polypropylene, non-woven	-
Thickness	mm	1.15	-
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 D 149

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 ST** can be stored for at least 60 months after the manufacturing date.

Storage temperature: ≤ +35°C (≤ +95°F).

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

DEKOTEC GmbH

Felderstrasse 24 | 51371 Leverkusen | Germany
Phone: +49 214 2602-0 | info@dekotec.com
www.dekotec.com

Our product information, application recommendations and other printed publications provide advice to the best of our knowledge and indicate our level of knowledge at the time of printing. The content is not legally binding. Therefore, no liability is assumed for incorrect and missing advice. The applicator is obliged to check the suitability and possibility of application for the intended purpose. Unless otherwise specified, all of the brands named are trademarks, at least registered in Germany, which are protected by law.

Only our general terms and conditions of sale, which you will find at www.dekotec.com, apply. This is a translation from the original German product information. In case of any discrepancy or any dispute arising on the interpretation, the German text of the respective German product information, shall be decisive. The legal relationship shall be governed by German law.

03.2020