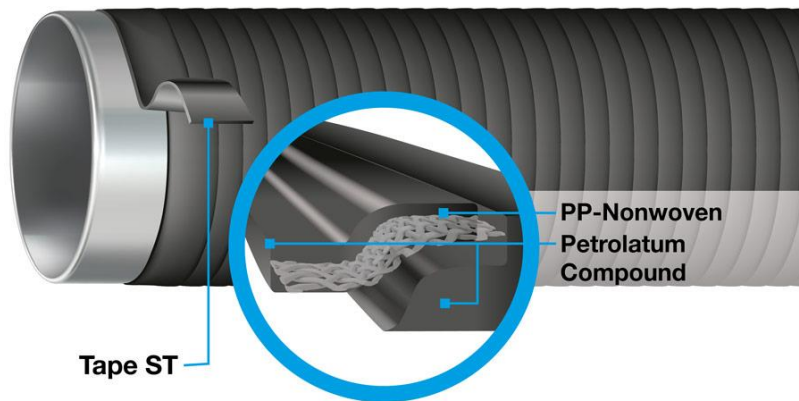








DENSO[®]-Tape ST

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.

For a century now, DENSO Group Germany has been representing experience, quality and reliability for corrosion prevention and sealing technology. The success of the internationally leading corporation is based on the development of the "DENSO-Tape", which was already patented in 1927 as the first product worldwide for the passive corrosion prevention of pipelines. Since then, the DENSO Group Germany has been establishing and guaranteeing the highest quality standards with technically trend-setting products. Research, development and production take place exclusively in Germany. Our employees continuously implement safe and individual solutions in a personal cooperation with the customer.

Product description

DENSO[®]-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.

DENSO[®]-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, **DENSO[®]-Tape ST** is – like all DENSO[®] 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), **DENSO[®]-Tape ST** also shows high resistance to acids, salts and alkaline substances.

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

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

DENSO[®]-Tape ST can be wrapped with 50% overlap around a surface pretreated with DENSO[®] mastic.

DENSO 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, **DENSO®-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.

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