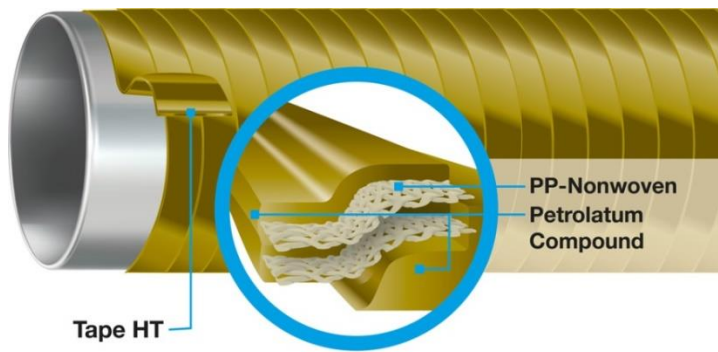









# DENSO<sup>®</sup>-Tape HT

## Product information



### Special advantages:

-  For operating temperatures of -40°C (-40°F) to +100°C (+212°F).
-  Fulfils EN 12068-A100.
-  Fulfils ISO 21809-3; Type 11A.
-  Simple processing on components with complex, irregular geometry.
-  Rust removal with a wire brush is sufficient.
-  Solvent-free.
-  Perfectly suited to damp substrates used in conjunction with **DENSO<sup>®</sup>-AQ Primer HT**.

## Petrolatum tape for reliable corrosion prevention at high operating temperatures, particularly on moist surfaces.

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<sup>®</sup>-Tape HT** is a petrolatum-based corrosion prevention tape which fulfils EN 12068. More than 100 years of experience, especially with the petrolatum tapes (DENSO<sup>®</sup> Tape) invented by DENSO, have been utilised for the development of the tape and guarantee the highest quality. DENSO<sup>®</sup>-Tape HT is made of robust, dual layer polyester non-woven fabric and a petrolatum-based corrosion prevention mastic. The petrolatum base has a **very high dripping point and gives the tape excellent adhesion – at the highest temperatures too**. DENSO<sup>®</sup>-Tape HT is therefore **ideal** for the **highest thermal loads** at permanent operating

temperatures of up to +100°C (+212°F), as well as short term temperature peaks of up to +110°C (+230°F).

DENSO<sup>®</sup>-Tape HT can be used in conjunction with **DENSO<sup>®</sup> petrolatum mastics** which are available for a range of requirements. For example, **DENSO<sup>®</sup>-AQ PRIMER HT** allows moist substrates to be coated.

**DENSO<sup>®</sup>-PF MASTIC HT** is particularly well suited to smoothing larger geometric shapes (e.g. for coating flanges).

DENSO<sup>®</sup>-Tape HT can be wrapped around a surface which has been pre-treated with a DENSO<sup>®</sup> petrolatum mastic with 50% overlap. **DENSOLEN<sup>®</sup>-ET100**, **DEPROTEC<sup>®</sup>-**

**PUR** or a **DEPROTEC<sup>®</sup>-DRM PP** protective rockshield can also be applied to provide additional mechanical protection.

In conjunction with **DENSOLEN<sup>®</sup>-ET100**, a tight coating with high impact resistance is achieved.

**DENSO<sup>®</sup>-Tape HT** is a component in the **VivaxCoat<sup>®</sup>-HT** corrosion prevention system. The system includes the water-repellent corrosion prevention coating **DENSO<sup>®</sup>-AQ Primer HT** as well as the mechanical protective tape **DENSOLEN<sup>®</sup>-ET100**. The **VivaxCoat<sup>®</sup>-HT** system fulfils the requirements of EN12068 Class A100 and ISO21809-3 Type 11A.

## Typical product properties

Property	Unit	Typical value	Test method	
Processing temperature	°C (°F)	+5 to +50 (+41 to +122)	-	
Operating temperature	°C (°F)	-40 to +100 (-40 to +212)	-	
Specific electrical insulation resistance	Ohm m <sup>2</sup>	≥ 10 <sup>6</sup>	EN 12068	
Thickness	mm	≥2.0	-	
Drip test at +120°C(+248°F)		No dripping	EN 12068	
Cathodic disbondment resistance 28 days, +23 °C (+73.4°F) <sup>(1)</sup>	mm (Radius)	≤ 9		
Peel strength on steel <sup>(1)</sup>	+23°C (+73.4°F)	-		Cohesive separation pattern
	+100°C (+212°F)	-		Cohesive separation pattern
Impact resistance <sup>(2)</sup>	J	> 15		
Indentation resistance at +100°C(+212°F) <sup>(2)</sup> (10MPa, 3d)	mm (Residual coat thickness)	> 0.6		
Thermal aging 100d at +120°C(+248°F) <sup>(1)</sup>	-	Cohesive separation pattern		

(1) System with **DENSO®-AQ Primer HT**

(2) System with **DENSO®-AQ Primer HT and DENSOLEN®-ET100**

## Ordering information and packaging

Width (mm)	Length (m)	Rolls per box	m <sup>2</sup> per carton	Running m. per carton
50	10	12	6	120
100	10	6	6	60
150	10	6	9	60

Other dimensions available on request.

## Storage

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

Storage temperature: ≤ +40°C (+104°F)

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

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