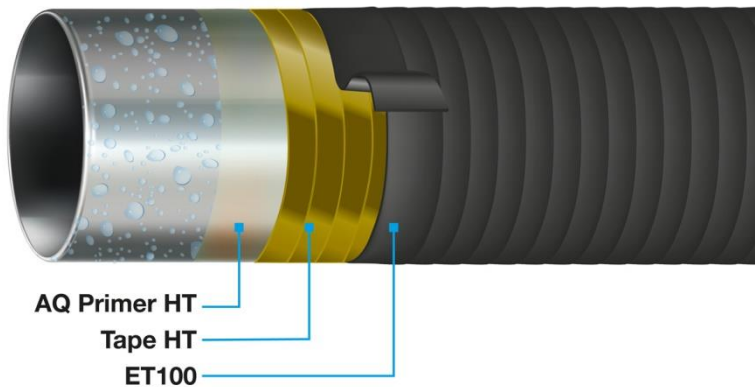


VivaxCoat®-HT

Product information



Special advantages:

- For operating temperatures of -40°C to +100°C (-40°F to +212°F).
- Fulfils EN 12068-A100.
- Fulfils ISO 21809-3; Type 11A.
- Can be applied to moist surfaces without special pre-treatment.
- Coating of pipes in operation possible.
- Solvent-free.
- Very good resistance to salty atmospheres and soils.

Coating system offering permanent corrosion prevention for steel pipes, armatures in new buildings and for restoration work.

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

VivaxCoat®-HT is a durable corrosion protection system which has been specifically designed for use on **moist substrates**.

Moist surfaces often pose a particular challenge, particularly when **restoring** old coatings on piping systems. The unique combination of a modified, petrolatum-based corrosion protection tape with a PE/butyl rubber tape opens up new and efficient options for restoring piping.

Even a **layer of condensation**, which precludes the application of customary post-factory coating systems, does not prevent **VivaxCoat®-HT** from working effectively.

Such **moist surfaces** can be found, for example, on pipelines that are under strain or in areas where air humidity is high.

Using **VivaxCoat®-HT** means that pipeline interruptions or long waiting times for coating work to be processed can be avoided, thus **reducing costs**

significantly.

VivaxCoat®-HT is especially suitable for permanent corrosion prevention of buried pipelines, armatures and flanges with operating temperatures of up to +100°C (+212°F). The system fulfils the requirements of EN12068 Class A100 and ISO21809-3 Type 11A.

The **VivaxCoat®-HT** corrosion protection system comprises the **DENSO®-AQ Primer HT**, the **DENSO®-Tape HT** corrosion protection tape and the mechanical protective tape **DENSOLEN®-ET100**.

DENSO®-AQ Primer HT allows metallic pipelines and armatures to be coated with ease, either manually or with a putty knife. A special formulation enables outstanding wetting, even for moist substrates.

DENSO®-Tape HT is very malleable in the processing temperature range and thanks to its optimal surface wetting,

this petrolatum-based corrosion protection tape is easy to process and has a robust polyester non-woven carrier material. Due to its special qualities, it combines perfectly with the mechanical protective tape. Its outstanding price/quality ratio also sets it apart.

DENSOLEN®-ET100 creates an extremely mechanically-resistant coating around the corrosion protection layer. It welds itself with an overlapping winding effect and thereby forms a closed pipe.

Thanks to the strong connection between the corrosion protection tape and the mechanical protective tape, a very compact and stable overall system is achieved.

Typical product properties

Property	Unit	Typical value	Test method
Primer paste	-	DENSO®-AQ-Primer HT	
Corrosion prevention tape	-	DENSO®-Tape HT (2 layers)	
Mechanical protective tape	-	DENSOLEN®-ET100 (2 layers)	
Operating temperature	°C (°F)	-40 to +100 (-40 to +212)	-
Dripping point DENSO®-AQ Primer HT	°C (°F)	≥+120 (≥+248)	ISO 21809-3
Dripping point DENSO®-Tape HT	°C (°F)	≥+120 (≥+248)	
Thickness (system)	mm	≥6.3	
Indentation resistance +23°C (+73.4°F) (residual layer thickness) (3 days, 10MPa)	mm	>0.8	
Impact resistance	J/mm	≥2,4	
Specific electrical insulation resistance* RS100	Ωm ²	>10 ⁸	
RS100/RS70		>0.8	
Peel strength on pipe surface +23°C (+73.4°F)	-	Cohesive separation pattern	
Peel strength on PE factory coating +23°C (+73.4°F)	-	Cohesive separation pattern	
Peel strength on steel after thermal aging (28d @+30°C / +86°F) (+23°C / +73.4°F)	-	Cohesive separation pattern	
Cathodic disbondment resistance 28 days, +23 °C (+73.4 °F) (Radius)	mm	≤9	

*Valid for entire system

Ordering information and packaging

DENSO®-AQ Primer HT:

Product	Dimensions
DENSO®-AQ Primer HT	Plastic bucket, fill quantity 10 kg

DENSO®-Tape HT:

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

Further dimensions available on request.

DENSOLEN®-ET100

	Width [mm]	Length [m]	m ² /roll	Rolls	Content per box		
					m ²	lin. m	kg (approx.)
DENSOLEN®-Tape ET100 core Ø 41 mm	30	12,5	0,375	18	6,75	225	9
	50		0,625	12	7,50	150	10
	100		1,250	6	7,50	75	10
	150		1,875	6	11,25	75	15

Further dimensions available on request.

Storage

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

Storage temperature: ≤+40°C (+104°F)

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

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