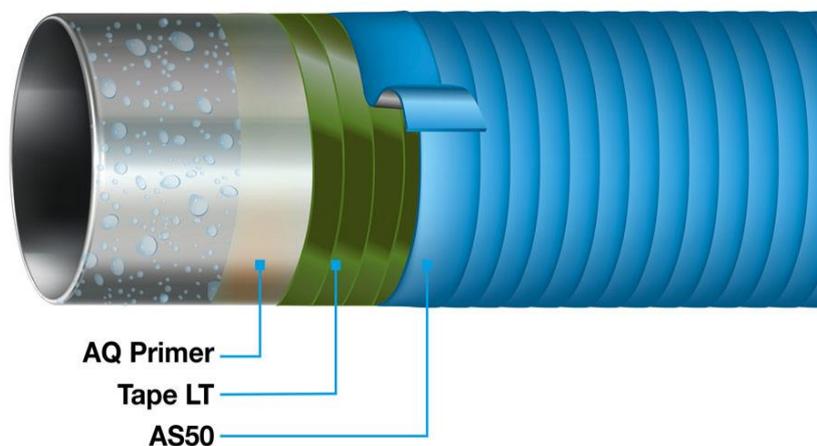


VivaxCoat®-LT

Product information



Special advantages:

-  Fulfills class HR und THR in accordance with SG 0130-01 of GRTgaz France.
-  Service temperature
-40°C to +30°C (-40°F to +86°F).
-  Easy application, without special pre-treatment, on moist surfaces.
-  Coating of pipes in operation possible.
-  Solvent-free.
-  Very good resistance against salt containing atmospheres and soils.

Coating system for a permanent corrosion prevention of steel pipes, armatures in new building and rehabilitation.

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.

Description

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

Moist surfaces often pose a particular challenge, particularly for the rehabilitation of old pipeline coatings. The unique combination of a modified, petrolatum-based corrosion protection tape with a PE/butyl rubber tape opens up new and efficient options for pipeline rehabilitation.

Even a **layer of condensation**, which precludes the application of conventional field coating systems, does not prevent **VivaxCoat®-LT** from working effectively.

Such **moist surfaces** can be found, for example, on pipelines that are under load or which are exposed to high humidity.

Pipeline downtimes or long waiting times during the coating work will be prevented and **costs significantly reduced** by using **VivaxCoat®-LT**.

VivaxCoat®-LT is especially suitable for permanent corrosion prevention of pipelines installed in the soil, armatures and flanges with permanent operating temperatures up to +30°C (+86°F). The system fulfills the requirements of SG 0130-01 of GRTgaz (France) for the classes HR and THR.

The corrosion prevention system **VivaxCoat®-LT** consists of the coating mastic **DENSO®-AQ Primer**, the corrosion prevention tape **DENSO®-Tape LT** as well as **DENSOLEN®-AS50** the mechanical protective tape.

DENSO®-AQ Primer permits an easy coating of metallic pipelines and armatures, manually or with a putty knife. A special formulation permits the outstanding wetting even for moist substrates.

DENSO®-Tape LT is very malleable even at low temperatures and due to its optimal surface wetting, this petrolatum-based corrosion prevention tape is easy to process and has a robust inner made from polypropylene nonwoven. Due to its special design, it combines perfectly with the

mechanical protective tape. Its outstanding price/quality ratio also sets it apart.

DENSOLEN®-AS50 creates an extremely resistant mechanical encasement around the corrosion prevention coating. Spirally wrapped, it amalgamates with itself and forms a closed hose. Due to the strong connection between the corrosion prevention tape and the mechanical protective tape, a very compact and stable overall system is achieved.

Typical product properties

Property	Unit	Typical value		Test method
Priming-Paste	-	DENSO®-AQ-Primer		
Corrosion prevention tape	-	DENSO®-Tape LT (2 Layers)		
Mechanical protection tape	-	DENSOLEN®-AS50 (2 Layers)	DENSOLEN®-AS50 (4 Layers)	
Service temperature	°C (°F)	-40 to +30 (-40 to +86)		-
Dripping point DENSO®-AQ Primer	°C (°F)	>+100 (>+212)		ISO 21809-3
Dripping point DENSO®-Tape LT	°C (°F)	ca. +60 (ca. +140)		ISO 21809-3
Thickness (system)	mm	≥ 6,3	≥ 8,5	ISO 21809-3
Indentation resistance +23°C (+73,4°F) (Remaining layer thickness) (3 days, 10MPa)	mm	>1,8	> 4,0	ISO 21809-3
Impact resistance	J	≥15	≥20	ISO 21809-3
Specific electrical insulation resistance* RS100 RS100/RS70	Ωm ²	>10 ⁸ >0,8	>10 ⁸ >0,8	ISO 21809-3
Peel strength on pipe surface +23°C (+73,4°F)	-	Cohesive separation pattern	Cohesive separation pattern	ISO 21809-3
Peel strength on PE factory coating +23°C (+73,4°F)	-	Cohesive separation pattern	Cohesive separation pattern	ISO 21809-3
Peel strength on steel after thermal aging (28d @+30°C / 86°F) (+23°C / +73,4°F)	-	Cohesive separation pattern	Cohesive separation pattern	ISO 21809-3
Cathodic disbondment resistance 28 days, +23°C(+73,4°F) (radius)	mm	≤ 9		ISO 21809-3

*Valid for entire system

Ordering information and packaging

DENSO®-AQ Primer:

10 kg bucket

DENSO®-Tape LT:

Roll length 10m

Width (mm)	Rolls per box (pcs.)	Area (m ²) per box	Total tape length per box
50	12	6	120
100	6	6	60
150	5	7,5	50

Additional dimensions available on request.

DENSOLEN®-AS50

	Core diameter (mm)	Width (mm)	Tape length (m)	Tape area per roll (m ²)	Content per box			App. weight (kg)
					Number of rolls	Total tape area (m ²)	Total tape length (m)	
DENSOLEN®-AS50	41	30	10	0.3	18	5.4	180	9.5
		50	10	0.5	12	6	120	9.5
		100	10	1.0	6	6	60	8
		150	10	1.5	6	9	180	12
	78	100	50	5	3	15	150	18.5
		150	50	7.5	2	15	100	18.5

Additional dimension available on request

Storage

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

Storage temperature: ≤ +40°C (+104°F)

The product must be stored dry, without load on the front surface.

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