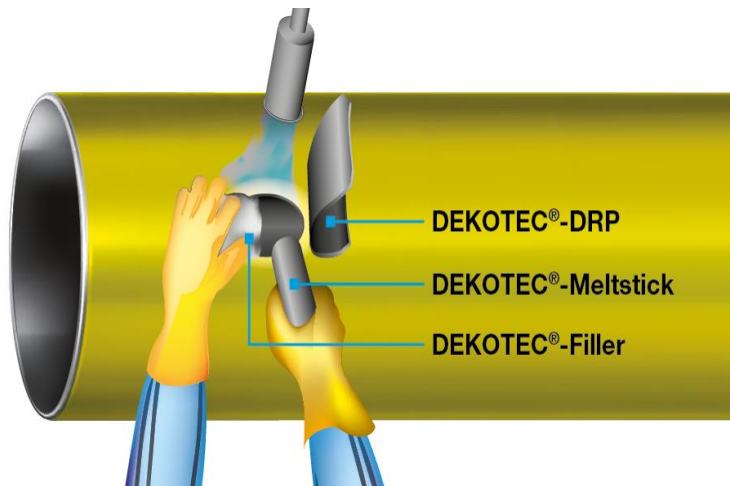


DEKOTEC[®]-DRP, -Filler and -Meltstick



Product information



Special advantages:



For operating temperatures up to +90 °C (+194 °F).



Fulfills EN 12068-C HT 60 and DIN 30672-C HT 60.



Fulfills the high-temperature aging standard ASTM D638 (168h at +150 °C (+302 °F)).



Compatible with factory coatings made of PE, PP, FBE, PU and Bitumen.



Easy to apply manually.

Hot applied repair system for corrosion prevention coatings of pipes and pipelines.

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

DEKOTEC[®]-DRP, -Filler and Meltstick are products for the repair of damages of corrosion prevention coatings of pipes and pipelines.

DEKOTEC[®]-DRP, -Filler and -Meltstick are parts of a hot applied system, which is especially economical. It guarantees a high quality of the repairing of factory coatings.

DEKOTEC[®]-Meltstick is a heat activated adhesive, produced in bars, for the easy filling of defects. **DEKOTEC[®]-Filler** can be used also to remove damages in the factory or field-joint coating. **DEKOTEC[®]-DRP** is made of

ethylene backing and a coating of heat activated adhesive copolymers.

DEKOTEC[®]-DRP, -Filler and -Meltstick system can be applied quickly without special tools.

The applied system offers an optimal protection of the pipelines against moisture and corrosion. It is resistant against the abrasion and the peeling forces during the installation and the operation of pipes and pipelines.

After application it assumes the function of the factory coating.

Beyond the classification of DIN 30672 and EN 12068, **DEKOTEC[®]-DRP** can be used for permanent operating tempera-

tures up to +90 °C (194 °F). In this case, the mechanical properties at temperatures of +90 °C (+194 °F) are lower than the characteristics of the use at +60 °C (+140°F).

Product requirement (4mm filling thickness)

DEKOTEC[®]-Filler
app. 0,6g/cm²

DEKOTEC[®]-Meltstick
app. 300cm² each

Typical product properties

	Property	Unit	Typical value	Required value	Test method	
Adhesive	Softening point	°C (°F)	≥+110 (≥+230)	Not stated	ASTM E28	
	Lap shear strength	N/cm ²	≥ 350	≥ 5	EN 12068 DIN 30672	
	+23°C (+73°F) +80°C (+176°F)		≥ 6	≥ 5		
Backing	Elongation at break	%	≥ 500	Not stated	ASTM D638	
	Tensile strength	N/mm	≥ 20	Not stated	EN 12068	
		MPa (psi)	≥ 20 (2900)	Not stated	ASTM D638	
	Dielectric strength	kV / mm	≥ 35	Not stated	ASTM D149	
	Volume resistivity	Ω · cm	≥ 10 ¹⁵	Not stated	ASTM D257	
	Hardness	Shore D	≥ 55	Not stated	ISO 868 ASTM D2240	
System	Specific electrical insulation resistance	Ω · m ²	≥ 10 ¹⁰	≥ 10 ⁸	EN 12068	
	Indentation resistance*	+23°C (+73°F)	mm	≥ 2.5	≥ 0,6	EN 12068
	Impact resistance*		J	≥ 25	> 15	EN 12068
	Peel strength on factory coating	+23°C (+73°F)	N / cm	≥ 60	≥ 4	EN 12068
	Low temperature flexibility			passed	passed	EN 12068 ASTM D2671 (-20°C/-4°F)
	Cathodic disbondment resistance (radius)		mm	< 2	Not stated	ASTM G8
	Water absorption		%	≤ 0.06	Not stated	ASTM D570

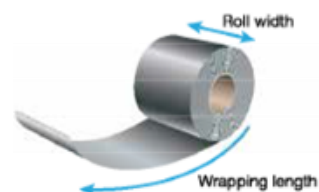
* With 2 mm DEKOTEC®-Meltstick as filling.

Ordering information and packaging

DEKOTEC®-DRP (delivered in rolls)

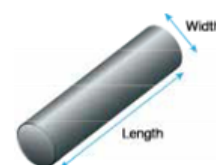
Roll width [mm]	Wrapping length [m]	Rolls per box
100	10	2
150	10	2
425	10	2

Additional lengths and widths are available on request.



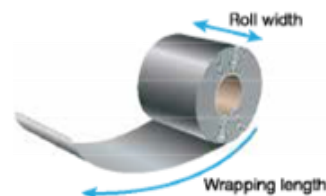
DEKOTEC®-Meltstick

Diameter [mm]	Length [mm]	Meltstick per box
25	280	25
25	280	80



DEKOTEC®-Filler (delivered in rolls)

Roll width [mm]	Tape width [mm]	Wrapping length [m]	Rolls per box
40	4	2,5	8



Storage

DEKOTEC®-DRP, -Filler und -Meltstick can be stored in the unopened original packaging not more than 60 months after the date of production.

Storage temperature: >-10°C (>+14°F) up to <+50°C (<+122°F).

Store dry in an upright position, and, without any ballast on the rolls.

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