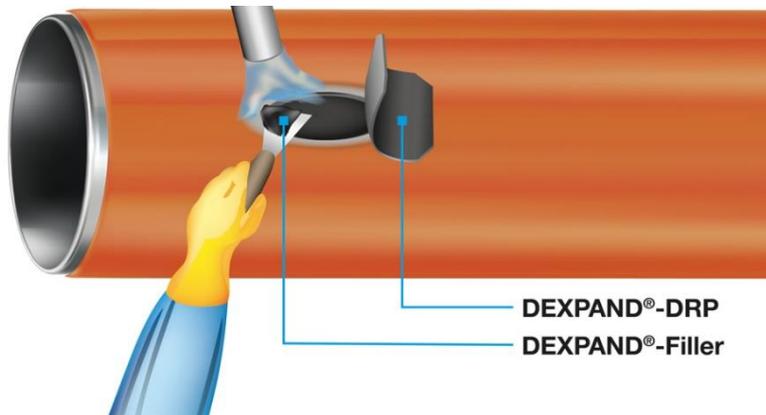


DEXPAND®-REP HT

Product information



Specific advantages:



For design temperatures up to +120 °C (+248 °F).



Excellent lap shear strength.



Ideal for coatings in accordance with ISO 21809-1 and ISO 21809-3.



Ideal for coatings in accordance with DIN 30670, DIN EN 12068 and DIN 30672.



Compatible with the most common factory coatings.

Repair system for corrosion prevention coatings on pipelines, particularly at high operating temperatures.

Product description

DEXPAND®-REP HT is a system for repairing damage that has occurred on the factory corrosion prevention mainline coatings on pipes and when damages to pipelines coatings occurs during transport, storage or relocation.

This easy-to-use system is highly economical and is guaranteed to achieve a **high-quality repair of factory coatings**.

Thanks to the combination of DEXPAND®-Filler and DEXPAND®-DRP, the DEXPAND®-REP HT system is **ideal for high pipeline temperatures of up to +120 °C (+248 °F)**.

DEXPAND®-Filler is a hot-applied filling mastic based on functional copolymers and fillers. It is resistant to high temperatures and is used to smooth out areas of damage on factory corrosion prevention coatings.

DEXPAND®-DRP is comprised of a robust electron beam cross-linked polyethylene carrier film/backing and a hot-melt adhesive.

The system is quick to apply and no special equipment is needed – **saving you time and money** compared to other systems.

The defect on the pipe is filled using DEXPAND®-Filler, creating a solid repair that is strongly and firmly adhering with the factory coating. DEXPAND®-DRP is then applied as a repair patch. Before applying DEXPAND®-Filler, the repair area can be **pretreated with an optional layer of DEKOTEC®-EP Primer HT** to achieve an even better surface adhesion.

This applied repair system offers an outstanding **resistance to chemicals & soil** and provides the pipelines with **optimal protection against moisture and corrosion**.

DEXPAND®-REP HT is developed especially for repairing pipelines mainline coating that satisfy the test values of ISO 21809-1 and ISO21809-3.

With the optional DEKOTEC®-EP Primer HT, the system provides **three layers of protection equivalent to the factory corrosion prevention coating**.

The system is ideal for repairing coatings that also satisfy the requirements of DIN 30670, DIN EN 12068 and DIN 30672 for operating temperatures of up to +100 °C (+212 °F)

Typical product properties

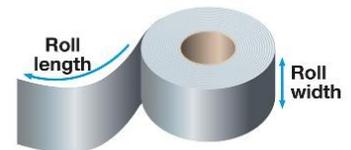
Property		Unit	Typical value	Test method
Total thickness DEXPAND®-DRP		mm	1.8	ISO 4591 ASTM D 1000
Peel strength on PE factory coating	+23 °C/+73 °F	N/cm	≥ 50	ISO 21809-3
Lap shear strength	+23 °C/+73 °F	N/cm ²	≥ 500	
	+80 °C/+175 °F		≥ 70	
Operating temperature		°C (°F)	-40 (-40) to +100 (+212)	

The values listed are for DEXPAND®-DRP

Ordering information and packaging

DEXPAND®-DRP (delivered on a roll)

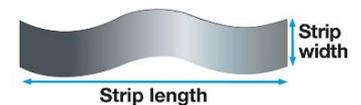
Roll width (mm)	Roll length [m]	Rolls per box
100	10	2
150	10	2
425	10	2



Additional widths and lengths are available on request!

DEXPAND®-Filler (delivered in strip form)

Strip width [mm]	Strip thickness [mm]	Strip length [m]	Strips per bag
40	2	0.45	10



Storage

When stored in their original unopened packaging, **DEXPAND®-DRP and -Filler** can be stored for at least 60 months after the manufacturing date.

Storage temperature: < +50 °C (< +122 °F). Store in a dry location without load.

DEKOTEC GmbH

Felderstrasse 24 | 51371 Leverkusen | Germany
Phone: +49 214 2602-0 | info@dekotec.com
www.dekotec.com

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04.2024