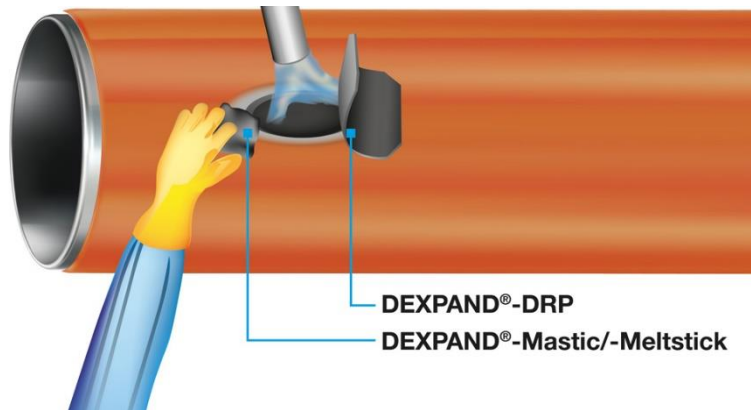


DEXPAND®-REP MT

Product information



Specific advantages:



For design temperatures up to +85 °C (+185 °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 medium operating temperatures.

Product description

DEXPAND®-REP MT 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**.

By using DEXPAND®-DRP with either DEXPAND®-Mastic or DEXPAND®-Meltstick, the DEXPAND®-REP MT system is **ideal for medium pipeline temperatures of up to +85 °C (+185 °F)**.

DEXPAND®-Mastic is a permanently plastic, hand-formable filling mastic used to smooth out areas of damage on factory corrosion prevention coatings.

Alternatively, **DEXPAND® Meltstick** can also be used to simply fill the defects. This is a heat-activated adhesive in stick form.

DEXPAND®-DRP is comprised of a robust electron beam cross-linked polyethylene carrier / backing film 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 first filled using DEXPAND®-Mastic or DEXPAND®-Meltstick up to the level of the factory coating. DEXPAND®-DRP is then applied as a repair patch.

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

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

The system is also ideal for repairing Pipelines' mainline coatings that also satisfy the requirements of DIN 30670, DIN EN 12068 and DIN 30672 for operating temperatures of up to +80 °C (+176 °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 +80 (+176)	

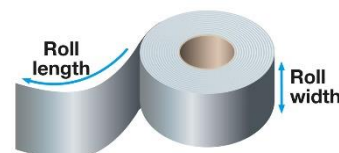
The values listed are for DEXPAND®-DRP

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

Other widths and lengths are available on request!



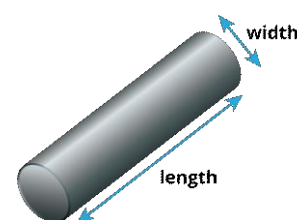
DEXPAND®-Mastic (delivered on a roll)

Roll width [mm]	Thickness [mm]	Roll length [m]	Rolls per box
40	4	2.5	8



DEXPAND®-Meltstick (delivered in stick form)

Diameter [mm]	Length [mm]	Meltsticks per box
25	280	25



Storage

When stored in their original unopened packaging, **DEXPAND®-DRP, -Mastic, -Meltstick** 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

Our product information, application recommendations and other printed publications provide advice to the best of our knowledge and indicate our level of knowledge at the time of printing. The content is not legally binding. Therefore, no liability is assumed for incorrect and missing advice. The applicator is obliged to check the suitability and possibility of application for the intended purpose. Unless otherwise specified, all of the brands named are trademarks, at least registered in Germany, which are protected by law.

Only our general terms and conditions of sale, which you will find at www.dekotec.com, apply. This is a translation from the original German product information. In case of any discrepancy or any dispute arising on the interpretation, the German text of the respective German product information, shall be decisive. The legal relationship shall be governed by German law.

03.2024