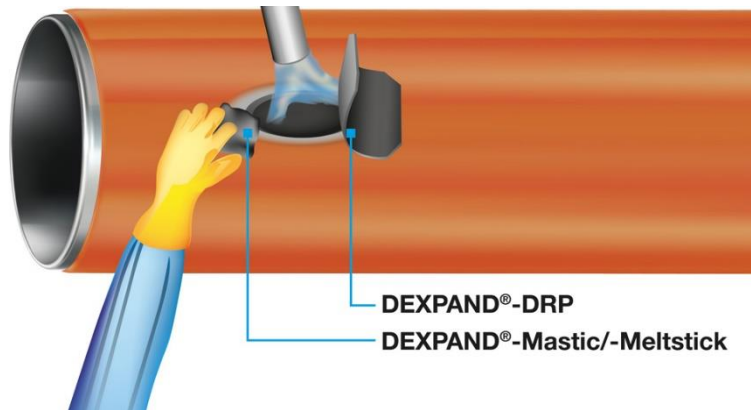


# DEXPAND®-REP MT

## 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<br>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 <sup>2</sup> | ≥ 500                   |                         |
|                                     | +80 °C/+175 °F |                   | ≥ 70                    |                         |
| Operating temperature               |                | °C (°F)           | -40 (-40) to +80 (+176) |                         |

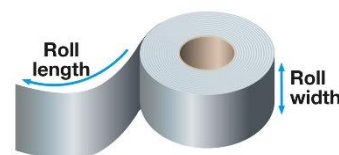
The values listed are for DEXPAND®-DRP

## 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!



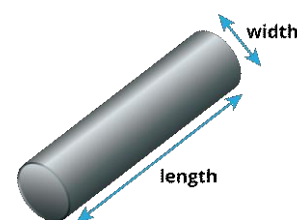
### DEXPAND®-Mastic (delivered on a roll)

| 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.

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