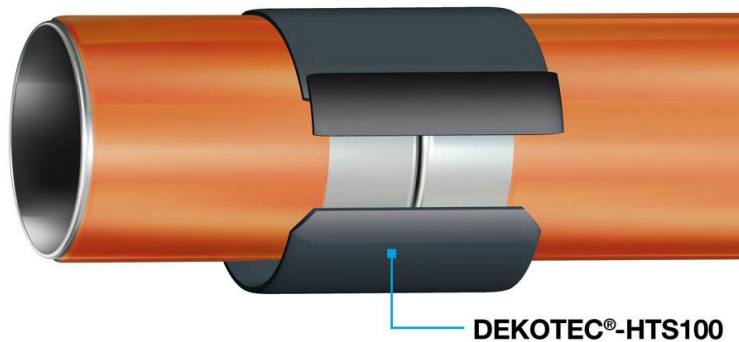








# DEKOTEC®-HTS100

## Product information



### Special advantages:

-  For operating temperatures up to +100°C (+212°F).
-  Fulfils EN 12068-C100 and DIN 30672-C100.
-  Fulfils ISO 21809-3, Type 14B-2.
-  Excellent lap shear strength and resistance to cathodic disbondment.
-  Resistant to abrasion and chemicals.
-  Compatible with the most common factory coatings.

## Hot-melt sleeve with extreme temperature resistance for protecting welded seams on steel pipes against corrosion.

DEKOTEC GmbH stands for experience, quality and reliability in the field of corrosion prevention and sealing technology. The success is based on the development of the Petrolatum-Tape which was already developed in 1927 as the first product worldwide for passive corrosion prevention of pipelines. We establish and guarantee the highest quality standards with technically trend-setting products. Research, development and production take place exclusively in Germany. Our employees are continuously implementing safe and individual solutions in a personal cooperation with the customer.

### Product description

**DEKOTEC®-HTS100** is a heat-shrinkable sleeve with thermal indicator that allows you to visually check the amount of heat to be applied. It is comprised of a robust electron beam cross-linked polyethylene carrier film and a hot melt coating.

Special inhibitors and the outstanding structural integrity of DEKOTEC®-HTS100 guarantee **permanent corrosion protection and a long service life** for your components.

Thanks to its special composition, it has achieved **excellent lap shear strength and cathodic dis-**

**bondment resistance values** – with **outstanding adhesion properties** too.

Of course, DEKOTEC®-HTS100 has the same outstanding **resistance against abrasion and chemicals** as all products in the DEKOTEC® product family.

Thanks to the **quick, problem-free application** of the sleeve, and thanks to the low pre-warming requirement, you will **save time and money** in comparison with established systems.

In combination with **DEKOTEC®-EP Primer HT** which can be applied in

layer thicknesses of  $\geq 200\mu\text{m}$ , you can create an additional coating of equal value to a factory coating.

DEKOTEC®-HTS100 satisfies the necessary test values pursuant to ISO 21809-3, Type 14B-2 for shrinkable sleeves.

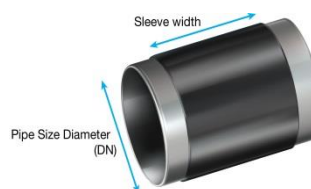
DEKOTEC®-HTS100 also satisfies all the requirements of DIN EN 12068 and DIN 30672, Class C100 for operating temperatures of up to +100°C (+212°F).

## Typical product properties

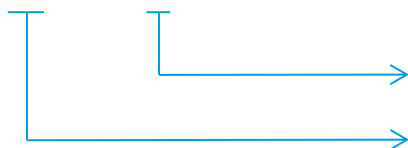
Property		Unit	Typical value	Test method
Indentation resistance (10 MPa) (residual layer thickness)	+80°C/+175°F	mm	≥ 2	ISO 21809-3
	+100°C/+212°F		≥ 0.8	EN 12068
Impact resistance	+23°C/+73°F	J/mm	≥ 7.2	ISO 21809-3
Peel strength on pipe surface	+23°C/+73°F	N/cm	≥ 50	ISO 21809-3
	+80°C/+175°F		≥ 5	
	+100°C/+212°F		≥ 3	EN 12068
Peel strength on PE factory coating	+23°C/+73°F	N/cm	≥ 60	ISO 21809-3
Cathodic disbondment resistance	+23°C/+73°F	mm	≤ 3	EN 12068
Lap shear strength	+23°C/+73°F	N / cm <sup>2</sup>	≥ 500	ISO 21809-3
	+80°C/+175°F		≥ 70	

The listed values are based on a sleeve thickness of 2.6mm (type S) when used with DEKOTEC®-EP Primer HT

## Ordering information and packaging



DEKOTEC®-HTS100 – 450MM – DN600



<b>Pipe diameter (DN)</b>	
DN 30 – DN 3000	
<b>Sleeve width (mm)</b>	
350, 450, 550, 650	
<b>Type designation S</b>	
1.0	Thickness PE film (mm)
1.6	Thickness coating (mm)
<b>2.6</b>	Total thickness (mm)
20	Length master roll (m)

The listed dimensions refer to size on delivery.

Other dimensions available on request.

Customize sleeves include closure patches. DEKOTEC®-CLP closure patches are available for master rolls.

Nominal size	Sleeves per box (pieces)
DN300	9
DN600	6
DN900	4

Additional information about package sizes can be obtained on request.

## Storage

When stored in its original, unopened packaging, **DEKOTEC®-HTS100** can be stored for at least 60 months after the manufacturing date.

Storage temperature: ≤ +50°C (+122°F)

Store in a dry location and unloaded.

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