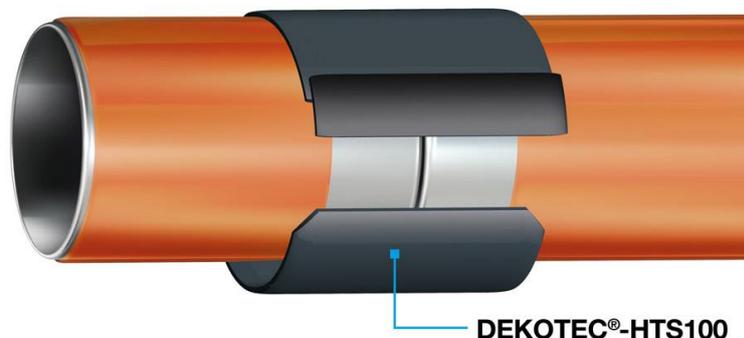


DEKOTEC®-HTS100

Product information



Special advantages:

-  For operating temperatures up to +100°C (+212°F).
-  Excellent lap shear strength and resistance to cathodic disbondment.
-  Fulfils EN12068-C100 and DIN 30672-C100.
-  Fulfils ISO21809-3, Type 14B-2.
-  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.

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.

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 disbondment 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.

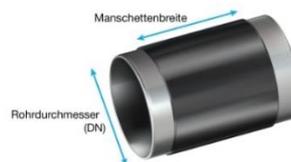
DEKOTEC®-HTS100 also satisfies all the requirements of DIN EN 12068 and DIN 30672, Class C100 for operating temperatures of up to +100°C (+212°F).

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 ²	≥ 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



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

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

Additional information about package sizes can be obtained on request.

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.

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.

DENSO GmbH

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

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