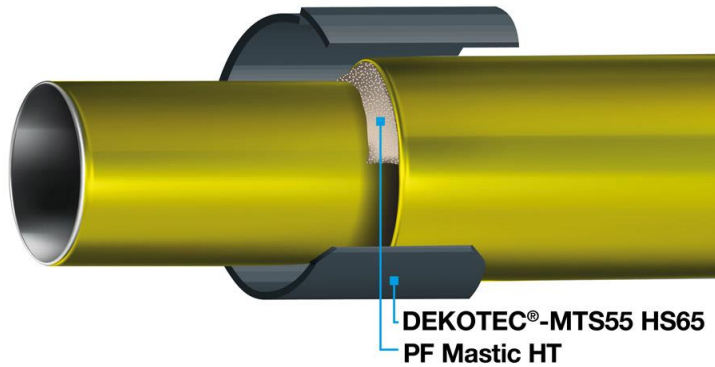









DEKOTEC[®]-MTS55 HS65

Product information



Special advantages:

-  For operating temperatures up to +60°C (+140°F).
-  Suitable for extreme variations in diameter.
-  No primer required.
-  C50
EN 12068
Fulfills the requirements of EN 12068-C 50 and DIN 30672-C 50.
-  14A-2
ISO 21809-3
Fulfills the requirements of ISO 21809-3; Type 14A-2.
-  Fast and cost-effective fitting.
-  Compatible with factory coatings made of PE, PP, FBE, PU and bitumen.

Shrink-fit sleeve for permanent corrosion protection on pipeline components with extreme variations in diameter.

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[®]-MTS55 HS65 is a heat-shrinkable sleeve with **extreme shrinking capacity**. It is comprised of a robust electron beam cross-linked polyethylene carrier film and a bitumen-based coating.

The outstanding structural integrity of **DEKOTEC[®]-MTS55 HS65** guarantees **permanent corrosion protection and a long service life** for your components.

DEKOTEC[®]-MTS55 HS65 is applied directly to the surface,

which is cleaned to ISO 8501-1 standards, **without a primer**.

Thanks to the **fast and simple method** of applying the sleeve **to pre-installed components** such as protective pipe ends, couplings or flanges, the system generates significant **time and cost savings**.

DEKOTEC[®]-MTS55 HS65 satisfies all the requirements of ISO 21809-3 Type 14A-2 for operating temperatures of up to +60°C (+140°F).

DENSO[®]-PF Mastic HT is another tried-and-tested, high-quality DENSO product for applications in warm climates and on components that are subject to periodic maintenance, such as screwed flanges, as well as to prevent notch effects on screw heads.

DENSO[®]-PF Mastic HT is ideal for smoothing irregular shaped geometries and also ensures that maintenance can be carried out without any difficulties.

Typical product properties

	Property	Unit	Typical value	Required value	Test method	
System	Sleeve thickness on delivery	mm	≥ 1.9	n/s	ISO 21809-3	
	Shrink rate (free shrinkage)	%	ca. 65	n/s	-	
	Indentation resistance (10 MPa) (residual layer thickness)	+23°C/ +73°F	mm	≥ 2	≥ 0.6	ISO 21809-3
		+60°C/ +140°F	mm	≥ 1.8	≥ 0.6	
	Impact resistance	J/mm	≥ 5	≥ 5	ISO 21809-3	
	Peel strength on pipe surface	+23°C/ +73°F	N/cm	≥ 26	≥ 10	ISO 21809-3
		+60°C/ +140°F	N/cm	≥ 3	≥ 1	
	Peel strength after 100d hot water storage (P100/P0)	Pipe surface		≥ 1.1	≥ 0.75	ISO 21809-3
		Factory coating		≥ 1.0	≥ 0.75	
	Peel strength on PE factory coating	+23°C/ +73°F	N/cm	≥ 28	≥ 10	ISO 21809-3
+60°C/ +140°F		N/cm	≥ 3	≥ 1		
Cathodic disbondment resistance	+23°C/ +73°F	mm	≤ 8	≤ 10	ISO 21809-3	
Lap shear strength	+23°C/ +73°F	N/cm ²	≥ 60	≥ 10	ISO 21809-3	

Ordering information and packaging

DEKOTEC®-MTS55 HS65 – 450MM



Sleeve width (mm)
350, 450, 550, 650
Length of master roll (m)
30

The listed dimensions refer to size on delivery.
Other dimensions available on request.

Storage

When stored in its original, unopened packaging, **DEKOTEC®-MTS55 HS65** can be stored for at least 60 months after the manufacturing date.

Storage temperature: ≤ +50°C (+122°F).

Store in a dry location and do not rest anything against the front of the product.

DENSO GmbH

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

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