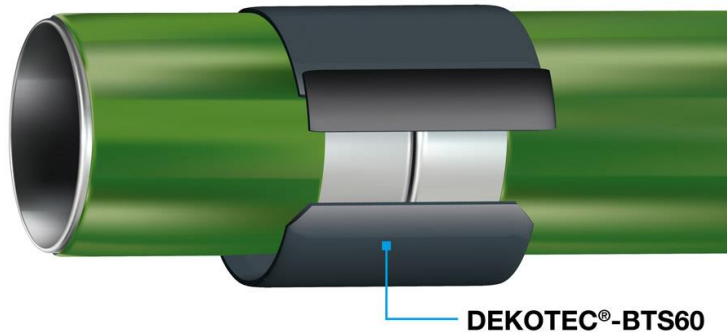


DEKOTEC®-BTS60



Product information



Special advantages:



For operating temperatures up to +60°C (+140°F).



Fulfills EN 12068-C HT 60 and DIN 30672 T1, even on an unblasted surface without preheating.



Fulfills ISO21809-3, Type 14A-2, even on an unblasted surface without preheating.



No primer required.



Compatible with factory coatings made of PE, PP, FBE, PU and bitumen.

Butyl sleeve with self-healing properties for corrosion prevention for weld seams on steel pipes.

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®-BTS60 is a heat-shrinkable sleeve with thermal indicator that lets you visually check the amount of heat to be applied. It comprises of a robust electron beam cross-linked polyethylene carrier film and a butyl-based coating.

Special inhibitors and the outstanding structural integrity of DEKOTEC®-BTS60 guarantee **permanent corrosion protection and a long service life** for your components.

The 2-layer coating system DEKOTEC®-BTS60 is applied to the surface cleaned in accordance with ISO8501-1. The optionally recommended use of

DENSOLEN®-HT Primer guarantees the best possible and verifiable surface treatment. This also allows random checking of the results of the application by a peel test after only a few hours.

The **requirements for shrinkable sleeves in EN12068, DIN 30672 T1 and ISO 21809-3 are already exceeded with a surface cleanliness of ST2 (manual rust removal).**

In particular, the minimal surface preparation, **no complex blast cleaning and no preheating** required, underline the economic efficiency. The flowability of the special butyl rubber coating also

gives the product self healing properties for minor mechanical damage to the casing.

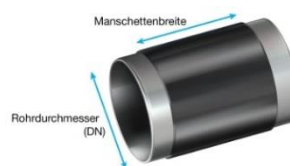
DEKOTEC®-BTS60 fulfills all requirements of DIN EN 12068 and DIN 30672 T1, Class C HT 60 for operating temperatures of up to +60°C (+140°F).

DEKOTEC®-BTS60 also fulfills the necessary test values pursuant to ISO 21809-3 Type 14A-2 for shrinkable sleeves for operating temperatures of up to +60°C (+140°F).

Typical product properties

	Property	Unit	Typical value	Required value	Test method	
System	Sleeve thickness on delivery	mm	≥ 2.6	n/s	ISO 4593	
	Indentation resistance (10 MPa) (residual layer thickness)	+23°C/+73°F	mm	1.2	≥0.6	EN 12068
		+60°C/+140°F		1.0	≥0.6	
	Impact resistance		J	≥15	≥15	EN 12068
	Peel strength on pipe surface	+23°C/+73°F	N/cm	16	≥ 10	EN 12068
		+60°C/+140°F		5	≥ 1	
	Peel strength on PE factory coating	+23°C/+73°F	N/cm	16	≥ 4	EN 12068
		+60°C/+140°F		5	≥ 0.4	
	Lap shear strength	+23°C/+73°F	N/mm ²	≥ 0.12	≥0.05	EN 12068
		+60°C/+140°F		≥ 0.08	≥0.05	
	Elongation at break		%	≥ 500	n/s	EN 12068
	Tear resistance		N/mm	≥ 20	n/s	EN 12068
	Dielectric strength		kV/mm	≥ 35	n/s	ASTM D149
	Hardness		Shore D	55	n/s	ISO 868/ASTM D2240
Specific electrical insulation resistance		Ωm ²	≥ 10 ¹¹	≥ 10 ⁸	EN 12068	
Water absorption		%	< 0.06	n/s	ASTM D570	
Chemical resistance 24 h storage at +23°C (+73°F)		-	0.1 n NaOH 0.1 n Na ₂ SO ₄ 0.1 n H ₂ SO ₄ 0.1 n HCL			

Ordering information and packaging



DEKOTEC®-BTS60 – 450MM – DN600



Pipe diameter (DN)	
DN 30 – DN 3000	
Sleeve width (mm)	
350, 450, 550, 650	
Type designation	
2.6	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®-BTS60** 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.

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