

ANTICORRay MSS50H

CORROSION PROTECTION

PRODUCT



PRODUCT DESCRIPTION

Backing:

- Stabilized, cross-linked polyethylene (PE).

Adhesive:

- Butyl rubber.

Colour:

- Black.

TECHNICAL DATA

Parameter	Test method	Value	
Total thickness	-	~1.85 mm	
PE thickness	-	~0.85 mm	
Adhesive layer thickness	-	~ 1.00 mm	
Shrinkability		45%	
Elongation at break and at thermal aging (100d)	EN 12068	≥ 850%	
Tensile strength	EN 12068	40 N/mm	
Impact strength	EN 12068	≥ 16 J	
Adhesion to steel at 10 mm/min <ul style="list-style-type: none">• on pipe surface• on factory coating	EN 12068	23°C	50°C
		≥ 1.0 ≥ 1.0 N/mm	≥ 0.2 ≥ 0.2 N/mm
Lap shear strength at 10 mm/min at 50°C <ul style="list-style-type: none">- on pipe surface- on PE/PP-factory coating	EN 12068/ ISO 21809-3	23°C	50°C
		≥ 1,0 ≥ 1,0 N/mm ²	≥ 0,06 ≥ 0,06 N/mm ²
Cathodic disbonding 50°C	EN 12068	≤ 10 mm	
Hardness, Shore D	DIN 53505/ ISO 868	≥ 50	
Water absorption	DIN EN ISO 62	≤ 0.08%	
Dielectric strength	ASTM D149	25 kV/mm	

The system meets the requirements of EN 12068, ISO 21809-3, DIN 30672 at C50.

The system holds DVGW certificate.

ANTICOR Sp. z o.o. holds the ISO 9001:2015 certificate.

ANTICORRay MSS50

Heat shrink sleeve for anti-corrosion protection with increased shrinkage, according to EN 12068, DIN 30672 and ISO 21809-3 at a working temperature of up to 85°C. It is recommended to use ANTICORRay Primer 720.

APPLICATION

- Protection against corrosion of flanges and socked connections.
- Closing the ends of protective pipes.

FEATURES & ADVANTAGES

- Very high adhesion to primer and steel.
- High resistance to mechanical damage & soil stress (impact, indentation).
- Durable and burn-resistant PE carrier.
- Minimum moisture & oxygen absorption.
- Very good dielectric properties.
- Suitable for above-ground applications.
- Compatible with factory coatings of PE, PP, epoxy resin, PU, bituminous pipes, and ductile steel pipes.

USAGE

- Apply to a surface prepared according to Sa 2½ (ISO 8501) and primed with ANTICORRay Primer 720.
- Install the heat shrink sleeve ANTICORRay MSS50H.
- Please follow the instruction of application of sleeves ANTICORRay MSS50H.

STORAGE

- Store the product in dry area in original packaging.
- Protect the cartons against mechanical damage.
- The recommended storage temperature: up to 25°C.

PRODUCT FORM & SIZE AVAILABLE

600 mm x 30 m, other dimensions on request.