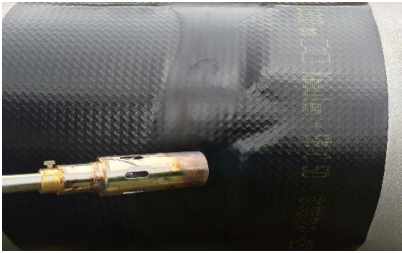


# ANTICORRay MSS50

## CORROSION PROTECTION

### PRODUCT



### PRODUCT DESCRIPTION

**Backing:**

- Stabilized, cross-linked polyethylene (PE).

**Adhesive:**

- Butyl rubber.

**Colour:**

- Black.

### TECHNICAL DATA

Parameter	Test method	Value	
Total thickness	-	~2.50 mm	
PE thickness	-	~1.00 mm	
Adhesive layer thickness	-	~ 1.50 mm	
Shrinkability		25%	
Elongation at break and at thermal aging (100d)	EN 12068	≥ 600%	
Tensile strength	EN 12068	40 N/mm	
Impact strength	EN 12068	≥ 15 J	
Indentation strength at 50°C	EN 12068	≥ 0.7 mm	
Adhesion to steel at 10 mm/min <ul style="list-style-type: none"><li>• on pipe surface</li><li>• on factory coating</li></ul>	EN 12068	23°C ≥ 2.0 ≥ 1.5 N/mm	50°C ≥ 0.2 ≥ 0.2 N/mm
Lap shear strength at 10 mm/min at 50°C <ul style="list-style-type: none"><li>- on pipe surface</li><li>- on PE/PP-factory coating</li></ul>	EN 12068/ ISO 21809-3	0,05 N/mm <sup>2</sup> 0,05 N/mm <sup>2</sup>	
Resistivity	ASTM D257	1x 10 <sup>16</sup> Ωcm	
Cathodic disbonding 50°C	EN 12068	≤ 4 mm	
Hardness, Shore D	DIN 53505/ ISO 868	≥ 50	
Water absorption	DIN EN ISO 62	≤ 0.05%	
Dielectric strength	ASTM D149	44 kV/mm	

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

The system holds an EN 12068 C50 certificate at the DVGW.

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

### ANTICORRay MSS50

Heat-shrinkable sleeve for corrosion protection of welded joints of pipelines, and also for field joint coating, coating rehabilitations and coating repairs with optional primer ANTI-CORRAY Primer 720HT.

### APPLICATION

- for EN 12068, DIN 30672 and ISO 21809-3 with operating temperatures up to 85°C.
- To increase the adhesion performance to steel surfaces the optional primer ANTI-CORRAY Primer 720HT can be applied.

### FEATURES & ADVANTAGES

- Very high adhesion to primer and steel.
- High tearing resistance & robustness against overheating during application with open flame.
- High resistance to mechanical damage & soil stress.
- PE carrier very resistant to burner flame (burn-through).
- Minimum vapour permeability of moisture & oxygen.
- Very good dielectric strength.
- Superior in-ground performance.
- Suitable for above ground applications.
- Compatible with factory coatings of PE, PP, epoxy resin, PU, bitumen, and ductile steel pipes.

### USAGE

- Prepare the surface according to Sa 2½ (ISO 8501)
- Optionally, apply the ANTI-CORRAY Primer 720HT
- Install ANTI-CORRAY heat shrinkable sleeves

For detailed steps, follow the application instruction for ANTI-CORRAY MSS50.

For the corresponding material quantities, contact us.

### 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

450 mm x 30 m, other dimensions on request.