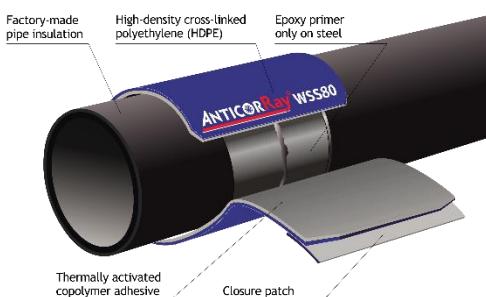


# ANTICORRay WSS80

## CORROSION PROTECTION

### PRODUCT STRUCTURE



### PRODUCT DESCRIPTION

#### Backing:

- Cross-linked high density polyethylene (HDPE) featuring high mechanical strength.

#### Adhesive:

- Heat-activated copolymer, resistant to shearing stresses.

#### Colour:

Black, with white overprint.

### TECHNICAL DATA

Parameter	Test method	Value
Total thickness	-	2.50 mm
HDPE thickness	-	1.10 mm
Adhesive layer thickness	-	1.40 mm
Shrinkability		25%
Adhesion to steel		
23°C	EN 12 068	9.0 N/mm
80°C		0.13 N/mm
Maximum continuous duty temperature	EN 12 068	80°C
Compatibility with factory coating	-	PE, PP, FBE
Pipe preheating temperature	-	70 - 80°C
Required surface cleanliness class	PN ISO- 8501	Sa 2 <sup>1/2</sup>
Tensile strength	ASTM D638	20 MPa
Stripping strength	EN 12 068	85 N/cm at 23°C
Impact strength	EN 12 068	> 15 J
Indentation strength at 80°C	EN 12 068	>2.53 mm
Cathodic disbonding	EN 12 068	
23°C		3 mm
80°C		2 mm
Ultimate elongation	ASTM D638	550%
Hardness, Shore D	ASTM D2240	45
Contraction force	ASTM D638	0.25 MPa
Dielectric strength	ASTM D149	20kV/mm
Resistivity	ASTM D257	1x 10 <sup>16</sup> Ωcm
Water absorption	ASTM D570	< 0.1% (wt.)

The system with epoxy primer meets the requirements of EN 12068 at C HT80 class.

Product holds the certificate of the DVGW Institute.

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

### ANTICORRay WSS80

Heat-shrinkable sleeve for corrosion protection of welded joints of pipelines.

### APPLICATION

In combination with the two-component epoxy primer ANTICORRay Epoxy Primer 801, we obtain an insulating coating in class C HT80, in accordance with EN 12068.

### FEATURES & ADVANTAGES

- Very high adhesion to epoxy primer and steel.
- High resistance to mechanical damage (impacts, pressure).
- HDPE carrier very resistant to burner flame (burn-through).
- Minimum vapour permeability.
- Very good dielectric strength.

### USAGE

- Apply on surface prepared to the following cleanliness class: Sa 2<sup>1/2</sup> (ISO 8501) and covered with the ANTICORRay Epoxy Primer 801 (see technical data sheet).
- Sequence of application according to the instruction entitled ANTICORRay WSS80 application procedure".

### 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

According to the consumption table (Cutlength table).