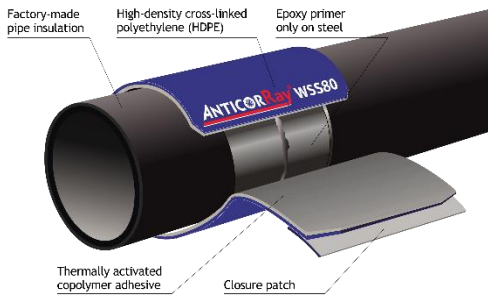


ANTICORRay WSS80

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.

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 2½ (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).

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 80°C	EN 12 068	9.0 N/mm 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 2½
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 23°C 80°C	EN 12 068	3 mm 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 ¹⁶ 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.

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