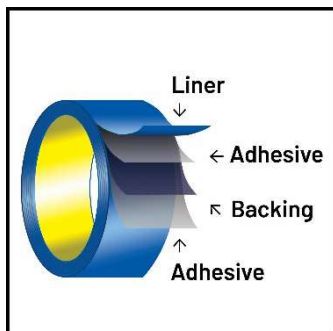


ANTICORWrap 740-32

CORROSION PROTECTION

TAPE STRUCTURE



PRODUCT DESCRIPTION

Backing:

- PE film.

Liner:

- PE.

Adhesive, colour:

- Internal adhesive layer: butyl-rubber, grey.
- External adhesive layer: butyl-rubber, black.

ANTICORWrap 740-32

Corrosion protection tape and mechanical protection tape (double-sided adhesive) in three-layer corrosion protection systems, made by co-extrusion method, according to EN 12068 as a component of the systems as follows:

- class B50 – „monotape” – 3 layers,
- class C50 – „monotape” – 4 layers,
- class C50 – internal layer – (in a system with external tape ANTICORWrap 750-20) – 2 layers.

APPLICATION

- In corrosion protection coatings of steel pipelines, steel tanks and fittings in underground and underwater buildings.

FEATURES & ADVANTAGES

- Excellent adhesion to the primed steel surface and on the overlap.
- Creates a uniform, compact coating.
- Self-amalgamating.
- Compatible with factory coatings made of PE, PP, PUR, FBE (epoxy resin) and, bitumen.
- Minimal vapor permeability, water resistant.
- High dielectric strength.

USAGE

- Condition the tape before application at 10÷25°C.
- Apply the tape to the prepared surface to the cleanliness degree Sa 2 ½ (according to ISO 8501), covered with a primer after reaching the dust dry condition. In justified cases, it is allowed to prepare the surface to the degree of cleanliness St3 (mechanically, using steel rotating brushes).
- Wrap the tape around the surface spirally by hand or hand wrapping machine with tension causing 1-2% width reduction. (please see the detailed coating instruction before application).

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

50, 100 mm x 15 m, other sizes available on individual request.



COMPLEMENTARY PRODUCTS:

- ANTICORWrap Mastic 710 – none curing, permanently plastics butyl rubber putty, easy to form, for the padding of uneven surfaces.
- Wrapping machines OWR – tools for the manual application, simplify the helical wrapping of pipes & bends (homogeneous wrapping tension, overlapping adjustment).

ANTICORWrap 740-32

CORROSION PROTECTION

TECHNICAL DATA

Parameters	Unit	Value	Standard
Thickness:			
• Total	mm	~ 0,80	-
• Backing	mm	~ 0,31	
• Adhesive:			
Internal layer	mm	~ 0,45	
External layer	mm	~ 0,04	
Peel strength:		23°C 50°C	
• on pipe surface at 10 mm/min.	N/cm	≥ 25 ≥ 4	EN 12068
• on factory coating at 10 mm/min.		≥ 25 ≥ 4	
• on pipe surface at 300 mm/min.		≥ 40 ≥ 10	
• on factory coating at 300 mm/min.		≥ 20 ≥ 10	
• after 28 days in water (50°C)			
on pipe surface		≥ 21 ≥ 21	
on factory coating		≥ 21 ≥ 21	
• tape/tape at 100 mm/min.		≥ 40 ≥ 2	
• tape/tape at 300 mm/min.		≥ 5 ≥ 5	
Lap shear strength at: /10 mm/min.:		23°C 50°C	
• to pipe surface	N/mm ²	≥ 0,10 ≥ 0,08	EN 12068
• to PE/PP-factory coating		≥ 0,10 ≥ 0,08	
• PE/PP- factory coating		≥ 0,05 ≥ 0,05	ASTM D 1002
Tensile strength	N/cm	≥ 100	EN 12068
Dielectric strength	kV/mm	44	ASTM D 149
Elongation	%	≥ 750	EN 12068
Water absorption	%	≤ 0,05	EN ISO 62 ASTM D 570
Hardness (PE-foil)	Shore D	≥ 40	ISO 868
Impact resistance	J	≥ 15	EN 12068
	J/mm	≥ 4,7	ISO 21809-3
Indentation resistance		23°C 50°C	
pressure (10 N/mm)	mm	10 19	EN 12068
residual layer thickness		≥ 1,0 ≥ 0,8	ISO 21809-3
Specific electrical insulation resistance R _{S1000}	Ωm ²	≥ 10 ¹²	EN 12068
Operating temperature	°C	to 80	EN 12068

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

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