

Product information



 **COPRO[®] FILM**



COPRO[®] FILM is a VCI corrosion protection film with reduced water vapor permeability and a state-of-the-art polymer matrix. Compared to a standard VCI film of comparable thickness, the water vapor permeability is reduced by up to 30%. The innovative VCI system quickly and reliably forms an anticorrosive atmosphere within an enclosed package. Whether in storage or during transport - the packaged goods are effectively protected against corrosion.

Our highly transparent, watertight and easy-to-seal anticorrosive films are available in standard versions as well as with further properties such as antistatic, electrical charge dissipation or flame retardant. When required, we develop individual solutions tailored to your specific needs based on our know-how and many years of experience in corrosion protection.

COPRO[®] FILM is a multi-metal corrosion protection film, designed to protect most metals and alloys. The COPRO[®] FILM, certified by DEKRA Automobil GmbH, demonstrates the outstanding corrosion protection effect in direct contact and at distance. The corrosion protection performance levels correspond to the highest level (3) in TL 8135 0043 (VIA TEST), as well as the MUC-KSP-A1001 (intensified corrosion test, based on DIN EN ISO 6270-2 AHT).

All COPRO[®] corrosion protection products are free of hazardous substances, which are listed in the TRGS 900. Workplace measurements and restrictions in accordance with TRGS 615 or TRGS 900 are not required.



COPRO[®] FILM is a brand
of Corolyte GmbH
Made in Germany





Technical Data

Film thickness	DIN EN ISO 1183-1	0.91-0.95 g/cm ³
Tensile Strength	DIN EN ISO 527-3/2/500	lengthwise ≥ 28 MPa transverse ≥ 28 MPa
Elongation at tear	DIN EN ISO 527-3/2/500	lengthwise ≥ 650 % transverse ≥ 600 %
Dart-Drop	ASTM D1709/A	≥ 500 g
HAZE	ASTM D 1003	< 28 %
Water vapor permeability	DIN EN ISO 15106 at 23°C/85% rel. humidity	≤ 1 g / (m ² *d) for films ≥ 80µm
Sealing properties	Heat impuls – and Separation sealing	
Corrosion protection:	TL 8135-0043, Stufe 3 DIN EN ISO 6270-2 AHT MUC-KSP-A1001 (Test method of TÜV-SÜD)	
Period of effectiveness	Up to 12 months, following recommendations	
Storage:	In delivery condition, cool and dry, as well as protected from direct sunlight and pollution for up to two years	

Does not contain amines and nitrite, free of nitrosamines

Does not contain hazardous substances per TRGS 900

Meets TRGS 615

Environmentally friendly to manufacture, effective in corrosion protection

■ Scope of protection

Protects steel, cast iron¹, zinc and galvanized steel, copper and its alloys, aluminum and chrome. After consultation further metals and alloys possible.

¹ Protects cast iron exclusively on contact

■ Work Safety

Not classified per 1272/2008 / EC
(CPL classification, labeling and packaging regulation)

■ Disposal

Recyclable or energetically usable, in accordance with local regulations.



Delivery forms

Flat-film
Semi-tubular film
Tubular film
Sheet
Bags
Ziplock bags
Bubble film
Side gusset bags
Box covers
Stretch film
etc.

From 25-200µm thickness

Option:
Customer-specific printing
ESD protection
Flame retardant
Shrinkable



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