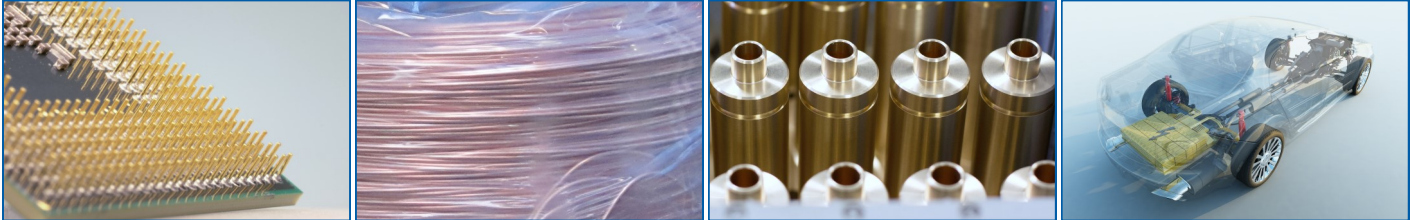


BRANOfol Cu

VCI Corrosion Protection Film



Characteristics

BRANOfol Cu is a special polyethylene film with active VCI corrosion protection, one or both sides effective, which protects copper and its alloys such as control elements or electronic components and -motors.

It is water-proof, weldable and suitable for automatic packaging as well as bag production. **BRANOfol Cu** is available in different colours, from 40 to 300 µm and also as VCI-embossing film.

BRANOfol products continuously release small amounts of corrosion protection agents inside of the packaging (VCI: Volatile Corrosion Inhibitors), helping to provide effective protection against corrosion for metal parts during transport or storage.

The protecting atmosphere is, depending on the volume of the package, available after a short time. This holds true even after having opened the package for a short time – the protecting atmosphere will be rebuilt immediately afterwards.

Protection scope

BRANOfol Cu

- nitrite free
- surpasses test standard DIN EN ISO 6270-2

Protects copper and its alloys (brass, bronze) against corrosion. Protection of further metals possible after laboratory analysis.

The scope of protection can be extended if the used materials and alloys are known in detail.

Storage and Duration of Protection

Components packed with **BRANOfol** are reliably protected against corrosion for up to twelve months. In addition, with a detailed knowledge of the application **BRANOfol** is suitable for long-term conservation > 10 years, e. g. for the final stockpiling of series of component. Our application consultants will advise you personally on the existing possibilities.

BRANOfol should be stored cool, dry and protected from direct sunlight. In the original packaging, the storage suitability is up to three years.

Advantages

- High elasticity and tear strength
- Can be used for all plant and component sizes
- Minimized failure risk due to high process reliability
- Economically efficient due to high time savings in packing and unpacking
- Protected components can be used immediately after unpacking – no cleaning or degreasing necessary
- Active corrosion protection without oiling, greasing or coating – no elaborately equipment etc. necessary
- Simple and sustainable packaging
- Materials can be easily recycled and disposed of
- Development of customized solutions possible



Branopac
Solutions with System

BRANOfol Cu

Product Information

Delivery Forms

Flat film, sheets, bags, half tubes, hoods, tubes, side-pleated tubes, pallet liners, boxed hoods, elastic string bags, zip lock bags.

Disposal

BRANOfol Cu can be recycled. Soiled film has to be disposed through waste incineration.

Operation Safety

BRANOfol products comply with TRGS 615 and are not a hazardous substance in the sense of the REACH regulation. No monitoring according to TRGS 900 is required.

Types

BRANOfol Cu	Additional to the standard, BRANOfol Cu is expandable with different additives or polymers for shrinkable, high tear-proof, UV-stable and flame-retardant properties.
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Facts

Parameter	Test method	Unit	BRANOfol
Tensile strength lengthwise/transversely	DIN EN ISO 527-3/2/500	MPa	> 14
Stretching lengthwise/transversely	DIN EN ISO 527-3/2/500	%	> 600
Dart-Drop	ASTM D1709/A	g	> 550
Water vapour permeability	DIN EN ISO 5106 (23 °C, 85 % r. F.)	g/m ² * d	≤ 1
Operating temperature	Temporary: max. 70 °C Constantly: -10 °C to 40 °C		
The mechanic parameters surpass the specifications of the norm DIN 55530.			

The information corresponds with typical values of BRANOfol 100µm VCI film
Binding are the respective product specifications.



Thanks to the BRANOpac modular system – the BRANOfol – all our VCI films can be individually adapted to the requirements of our customers. We would be happy to advise you on this in a personal meeting.

Please pay close attention to thickness and impermeability to water vapour when selecting your VCI films. Both of these parameters are of decisive importance for corrosion protection and should therefore be selected with the specific application in mind.

All of the information contained herein is based on current knowledge and is not binding. No liability is assumed for improper use.

More information available at:

www.branopac.de

www.branopedia.de

www.linkedin.com/company/branopac-gmbh

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Solutions with System

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