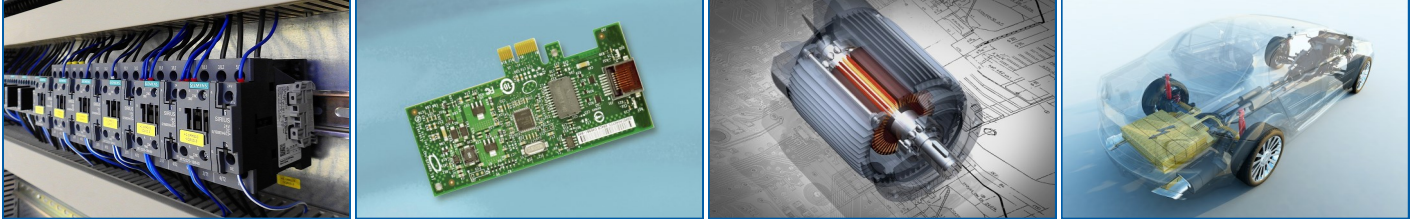


BRANOfol Multitron

VCI Electronic Protection Film



Characteristics

BRANOfol Multitron is a multilayered special film with efficient corrosion and tarnish protection for electric components such as:

- Electric cables	- Switching and relay technology
- Resonators	- Oscillators
- Plug connectors	- Transistors
- Solder contacts	- Sensors, couplers
- Capacitors	- Coils, controller, diodes
- Circuit boards, chips	- Processors

The innovative protection system of the **BRANOfol Multitron** works in multiple ways:

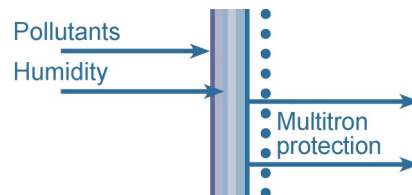
- Single side active VCI-System
- Minimization of penetrating air pollutants (e.g. sulphur compounds)
- Reduction of water vapour and oxygen permeability

These advantages offer effective VCI corrosion protection for copper, brass, bronze and its alloys, reliable tarnish protection for precious metal surfaces, easy handling and transparency.

Duration of Protection

Depending on climate conditions and how well the packaging is sealed, **BRANOfol Multitron** can offer protection for up to twelve months. The duration of protection can be extended if the application, storage and transport are well known.

BRANOfol Multitron	Offers effective VCI corrosion protection for copper, brass, bronze and its alloys, such as tarnish protection for precious metal surfaces.
ESD-D (10^9 - 10^{11} Ω)	BRANOfol Multitron is configured with electrically dissipative property.



BRANOfol Multitron with highly transparent barrier layers against water vapour, oxygen and industrial air pollutants. Additional VCI-layer for active corrosion protection for electronic compounds.

Advantages

- Double corrosion protection by combination with VCI
- Multi layer film for targeted safety and long term protection
- 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 or degreasing necessary
- Active corrosion protection without oiling, greasing or coating – no elaborately equipment etc. necessary
- Simple and sustainable packaging
- Protected components can be used immediately after unpacking – no cleaning
- Development of customized solutions possible



Branopac
Solutions with System

BRANOfol Multitron

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.

Further sizes, designs and prints on demand.

Storage

Cool and dry, protected from direct sunlight. Shelf-life in the original packaging up to three years.

Disposal

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

Recyclate

BRANOfol Multitron VCI corrosion protection films are also available with a recyclate content of 30% as standard. The proportion of recyclate can be individually adjusted according to requirements. This means that environmental guidelines and packaging requirements (such as the plastic tax in the UK) can be met.

The BRANOfol team is at your disposal to provide you with information and options for **BRANOfol Multitron** with recyclate content.

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.

Application

In order to get the best out of VCI **BRANOfol Multitron** films, the finished packaging should create a closed space. Steps should be taken to prevent water from penetrating the packaging and reaching the packaged goods.

The surfaces to be protected must be dry and free from corrosion promoting residues such as finger sweat (please wear gloves), aggressive detergent-based substances and others. Acids and strong alkalis can also affect the corrosion protection system. If there's doubt, we recommend carrying out a compatibility test.

The protected materials should be kept away from direct contact with wood or acidic materials. It is also important to make sure that relative atmospheric humidity is kept low and that there is no atmospheric contamination (make sure that there is no wood in the packaging).



Thanks to the BRANOfol 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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