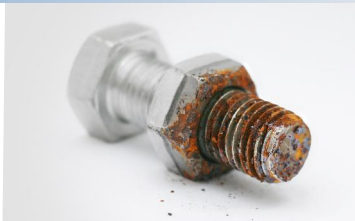




# BRANOrost Chips

## VCI Anticorrosion Lining



### ■ BRANOGuard

Temporary corrosion protection for the automotive, mechanical engineering and metal processing industries.

### ■ Product Characteristics

BRANOrost Chips are cuttings of different sizes and shapes made from cellulose and saturated with the premium VCI quality of BRANOpac.

By emitting constantly a small amount of active anticorrosion substances (VCI principle: Volatile Corrosion Inhibitor), BRANOrost Chips helps to protect metal parts during transport and storage.

In packages or containers lined with BRANOrost Chips, a protecting atmosphere is built up, which reliably prevents corrosion of metal parts even after having opened the package for a short time. BRANOrost Chips have a repository effect.

BRANOrost Chips are lined in packages or adhered to hollow spaces with thick outer walls. The better the outer seal, the longer the protection will last.

### ■ BRANOrost Types

According to your application, BRANOrost Chips are available in three different performances.

BRANOrost Chips R*	Protects steel, cast iron, chromium, pure aluminium and pure zinc reliably. <u>Be careful with:</u> zinc, nickel, cadmium, lead, soldering tin, magnesium, wolfram, molybdenum, copper and its alloys.
BRANOrost Chips U	Protects steel, cast iron (only on contact), zinc, chromium, copper, brass, bronze, pure aluminium and pure tin reliably. <u>Be careful with:</u> cadmium, lead, tin-solder, magnesium, wolfram and molybdenum.
BRANOrost Chips M	Protects steel, cast iron, chromium, pure aluminium and pure zinc reliably. <u>Be careful with:</u> zinc, nickel, cadmium, lead, soldering tin, magnesium, wolfram, molybdenum, copper and its alloys.

\*contains nitrite according to TRGS 615

### ■ Advantages

- Environmentally friendly corrosion protection based on paper
- Metal parts are ready for use at any time
- Oiling and greasing aren't necessary anymore
- Economy of time
- Simple disposal
- Low package requirements
- In accordance with TRGS 615
- Represents no health hazard
- BRANOpac is certified according to ISO 9001 and ISO 14001



**BRANOpac**  
Solutions with System

# BRANORost Chips Product Information

## ■ Forms of Delivery

Customer oriented in rolls, sheets, bags, covers and blanks.

## ■ Requirements

The metal is to be packaged clean, dry, corrosion-free and without remnants from earlier process steps. The denser the outer package, the more permanent is the protective effect.

## ■ Disposal

BRANORost Chips are marked with the Resy label and can be recycled in a material – or thermal utilisation. If such utilisation is not technically possible or reasonable, the material can, in accordance with local official regulations, be disposed of with domestic refuse or burned.

## ■ Operation Safety

BRANORost VCI anticorrosion lining is not a dangerous preparation within the meaning of the Ordinance on Hazardous Substances and corresponds to TRGS 615.

## ■ Storage and Duration of Protection

Should be stored cool and dry, protected from direct sunlight. Shelf-life in the original packaging up to three years.

For metal parts packaged with BRANORost Chips depending on the climatic conditions and closeness of package, the term of protection can be up to three years.

## ■ Protection Capacity

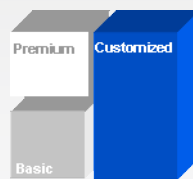
Protection Capacity	Size
0,1 l	10 x 10 mm
0,2 l	15 x 15 mm
1,0 l	30 x 30 mm
2,0 l	43 x 43 mm
2,5 l	50 x 50 mm
5,0 l	71 x 71 mm

Protection Capacity	Size
25,0 l	100 x 120 mm
80,0 l	170 x 240 mm
125,0 l	245 x 250 mm
250,0 l	250 x 490 mm
500,0 l	490 x 500 mm
1000,0 l	490 x 1000 mm



## Paper is the Future

When you see the BRANOPac „Naturally Protected“ seal, you can be sure, these branded products have been manufactured in an environmental-friendly way and they offer excellent protection.



## Solutions with System

According to your requirements, you have the choice between three BRANOPac solutions: BRANOPac Basic, Premium or Customized.

BRANORost VCI-products are to be used as described above. Otherwise, no responsibility for caused damages can be taken.

The information given is in line with the current state of knowledge. It is non-binding and might have to be adjusted to meet local requirements. No liability is accepted for this. Please contact us in case of doubt.

You will find more information at:  
[www.branopac.com](http://www.branopac.com)  
[www.branopedia.com](http://www.branopedia.com)  
[www.branomedia.com](http://www.branomedia.com)



**Branopac**  
Solutions with System

BRANOPac GmbH  
Gottlieb-Daimler-Str. 18-20  
35423 Lich, Germany  
Phone: +49 6404 9142-0  
Fax: +49 6404 9142-700  
Email: [info@branopac.com](mailto:info@branopac.com)