

# BRANOrost Chips

## VCI Corrosion Protection Emitter



### Characteristics

**BRANOrost Chips** are saturated with the premium VCI quality of BRANOpac and give excellent cushion and scratch protection for metallic components and surfaces. **BRANOrost Chips** combine protection against damage and corrosion.

By emitting constantly a small amount of active anticorrosion substances inside of the packaging (VCI principle: Volatile Corrosion Inhibitor), **BRANOrost Chips** help 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.

<b>BRANOrost Chips R</b> <ul style="list-style-type: none"><li>- contains nitrite (TRGS 615 compliant)</li><li>- surpass test standard DIN EN ISO 6270-2</li><li>- complies with TL8135-0043, level 3</li></ul>	Protects steel, chromium, tin, pure aluminium and cast iron.  <i>The scope of protection can be extended if the used materials and alloys are known in detail.</i>
<b>BRANOrost Chips U</b> <ul style="list-style-type: none"><li>- nitrite free</li><li>- surpass test standard DIN EN ISO 6270-2</li></ul>	Protects steel, cast iron (only on contact), zinc, chromium, copper, brass, bronze, pure aluminium and tin.  <i>The scope of protection can be extended if the used materials and alloys are known in detail.</i>
<b>BRANOrost Chips M</b> <ul style="list-style-type: none"><li>- nitrite free</li><li>- surpass test standard DIN EN ISO 6270</li></ul>	Protects steel, chromium, tin, pure aluminium and cast iron.  <i>The scope of protection can be extended if the used materials and alloys are known in detail.</i>

### Advantages

- 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
- Simple and sustainable packaging
- Active corrosion protection without oiling, greasing or coating – no elaborately equipment etc. necessary
- Materials can be easily recycled and disposed of
- Development of customized solutions possible



**Brangs + Heinrich**  
Verpacken. Schützen. Sichern.

# BRANOrost Chips

## Product Information

### Delivery Forms

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.

### Sustainability

At BRANOpac, paper plays an essential role - especially seen in the long term - as a renewable raw material and with regard to the environmental idea. Furthermore, we are able to convince with decades of experience in the paper area.

"Naturally Protected" means that the customer's products are (of course) naturally protected when using BRANOpac corrosion protection products. In addition, BRANOpac strives to rely on renewable raw materials when it comes to its products.

**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.

All papers are also available with FSC and PEFC certification on request.

### Operation Safety

**BRANOrost Chips** 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.

### Protection Capacity

Protection Capacity	Size	Protection Capacity	Size
0,1 l	10 x 10 mm	25,0 l	100 x 120 mm
0,2 l	15 x 15 mm	80,0 l	170 x 240 mm
1,0 l	30 x 30 mm	125,0 l	245 x 250 mm
2,0 l	43 x 43 mm	250,0 l	250 x 490 mm
2,5 l	50 x 50 mm	500,0 l	490 x 500 mm
5,0 l	71 x 71 mm	1000,0 l	490 x 1000 mm

### Storage and Duration of Protection

Components packed with **BRANOrost** are reliably protected against corrosion for up to three years. In addition, with a detailed knowledge of the application **BRANOrost** 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.

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

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The original languages of our documents are German and English

BRANOrost VCI-products are to be used as described application/packaging advice. Otherwise, no responsibility for caused damages can be taken.



**Brangs + Heinrich**  
Verpacken. Schützen. Sichern.

**BRANOpac**  
Solutions with System

More information available  
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