Use Vapor Capsules to protect multiple metal types from corrosion in almost any enclosure or sealed packaging. ZERUST® diffusers emit Vapor Corrosion Inhibitors (VCIs) that prevent oxidation of the metal surface that causes rust. They provide targeted corrosion protection in hard-to-reach spaces and additional protection to metals in ZERUST® VCI packaging applications.

ZERUST® capsules are quick and easy to install. Simply peel back the protective paper from the adhesive tape and install it securely in the desired location. Next, tightly seal the enclosure to trap protective vapor inside. Metals will be protected from rust and tarnish for up to one or two years, depending on the capsule model and environment.

ZERUST®/EXCOR® Vapor Capsules are portable capsules that contain patented ZERUST® VCI technology. Use to protect metals in hard-to-reach areas of control panels, electrical cabinets, and other enclosed spaces, even when they are in operation. Or used as a supplement to other ZERUST® VCI packaging products for added protection.

Benefits

- Safe* and effective corrosion protection where traditional anti-corrosion methods can not be used.
- Easy to install, economical to use.
- Does not affect the circuit boards or sensitive components.
- Suitable for new equipment and to protect the reliability of existing equipment.

Application Example

A Vapor Capsule protects an electronics enclosure from corrosion during operation. The capsule has been marked with the installation date, so operators know when to replace it with a new capsule.

Application Type

Storage
Shipping
During Operation
May be used with ZERUST® Packaging

*Safe for people. This product does not pose a health hazard to users due to its classification as an article according to UN GHS, US OSHA HazCom and CA WHMIS regulations. Check REACH SDS for classification in EU.
**Product Information**

**Description**
ZERUST® Capsules are VCI (Vapor Corrosion Inhibitor) diffusers. The capsules are made from recycled PE materials.

**Appearance**
PE-plastic capsule and foam or protective foam containing active pellets.

**Protection**
See table below

**Volume**
See table below

**Protection Duration**
See table below

**Storage**
Store in a cool, dry place and away from sunlight for up to 2 years from the date of shipment.

**Protected Metal Types**
Multimetal protection for steel, iron, zinc, and galvanized steel, copper, brass, bronze, aluminum (and alloys), nickel, tin, and solder.

**Protection Capabilities***

<table>
<thead>
<tr>
<th>Model</th>
<th>Dimensions** L x W x H</th>
<th>Protection Volume (Up to)</th>
<th>Protection Radius (Up to)</th>
<th>Protection Duration (Up to)</th>
</tr>
</thead>
<tbody>
<tr>
<td>VC 1-1(s)</td>
<td>1 ¼” x 1” x ¾”</td>
<td>4 ft³ (0.12 m³)</td>
<td>1 ft (30 cm)</td>
<td>1 year</td>
</tr>
<tr>
<td>VC 1-1</td>
<td>2 ¼” x 1” x ¾”</td>
<td>4 ft³ (0.12 m³)</td>
<td>1 ft (30 cm)</td>
<td>1 year</td>
</tr>
<tr>
<td>VC 2-1</td>
<td>2 ⅛” x 1 ¼” x 1”</td>
<td>35 ft³ (1 m³)</td>
<td>2 ft (60 cm)</td>
<td>1 year</td>
</tr>
<tr>
<td>VC 2-2</td>
<td>3” x 1¼” x 1½”</td>
<td>35 ft³ (1 m³)</td>
<td>2 ft (60 cm)</td>
<td>2 years</td>
</tr>
<tr>
<td>VC 6-1</td>
<td>8” x 4” x 2”</td>
<td>900 ft³ (25 m³)</td>
<td>6 ft (200 cm)</td>
<td>1 year</td>
</tr>
<tr>
<td>VC 6-2</td>
<td>8” x 4” x 2”</td>
<td>900 ft³ (25 m³)</td>
<td>6 ft (200 cm)</td>
<td>2 years</td>
</tr>
</tbody>
</table>

* Protection ratings are based on the highest average tested protection properties and are not guaranteed. Results may vary according to usage environment and metal surface properties such as contaminants.
** Dimensions are +/- 10%**

**Availability**

ZERUST® Vapor Capsules are in stock for immediate delivery. Sold in cases.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Model</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>375-M-00006</td>
<td>VC 1-1(s)</td>
<td>50/Case</td>
</tr>
<tr>
<td>375-M-00001</td>
<td>VC 1-1</td>
<td>50/Case</td>
</tr>
<tr>
<td>375-M-00002</td>
<td>VC 2-1</td>
<td>25/Case</td>
</tr>
<tr>
<td>375-M-00003</td>
<td>VC 2-2</td>
<td>10/Case</td>
</tr>
<tr>
<td>375-M-00004</td>
<td>VC 6-1</td>
<td>4/Case</td>
</tr>
<tr>
<td>375-M-00005</td>
<td>VC 6-2</td>
<td>4/Case</td>
</tr>
</tbody>
</table>

**Safety**

- Safe for people. This product does not pose a health hazard to users due to its classification as an article according to UN GHS, US OSHA HazCom, and CA WHMIS regulations. Check REACH SDS for classification in EU.
- ZERUST® VCI chemistry is safe for sensitive electronics. No galvanic effects, residues, or changes in the properties of metals. The protective molecules dissipate upon opening the package.