

**Zerust®**  
Vapor capsule  
Model VC2-1  
Date Installed: \_\_\_\_\_  
Protects Metals Against  
Rust/Corrosion  
NSN 6850-01-475-9949  
P/NOR 6850-01-345-7431  
Estimated Life Span: 1 Yr.  
Radius of Protection: 2 Ft.  
Northern Technologies International Corp.  
www.zerust.com | Phone 1 (763) 225-6600

## ZERUST® Vapor Capsules

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.

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.

### 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.



### Benefits

Safe\* and effective corrosion protection where traditional anti-corrosion methods can not be used.

Easy to install, economical to use.

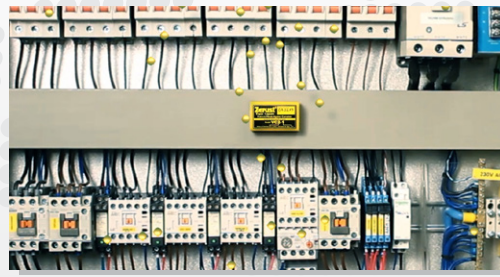
Does not affect the circuit boards or sensitive components.

Suitable for new equipment and to protect the reliability of existing equipment.

### Application 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

<b>Description</b>	ZERUST® Capsules are VCI (Vapor Corrosion Inhibitor) diffusers. The capsules are made from recycled PE materials.
<b>Appearance</b>	PE-plastic capsule and foam or protective foam containing active pellets.
<b>Protection Volume</b>	See table below
<b>Protection Duration</b>	See table below
<b>Storage</b>	Store in a cool, dry place and away from sunlight for up to 2 years from the date of shipment.
<b>Protected Metal Types</b>	Multimetal protection for steel, iron, zinc, and galvanized steel, copper, brass, bronze, aluminum (and alloys), nickel, tin, and solder.

## Protection Capabilities\*

Model	Product Dimensions** L x W x H	Protection Volume (Up to)	Protection Radius (Up to)	Protection Duration (Up to)
VC 1-1(s)	1 ¼" x 1" x ¾"	4 ft <sup>3</sup> (0.12 m <sup>3</sup> )	1 ft (30 cm)	1 year
VC 1-1	2 ¼" x 1" x ¾"	4 ft <sup>3</sup> (0.12 m <sup>3</sup> )	1 ft (30 cm)	1 year
VC 2-1	2 1/6" x 1 ¼" x 1"	35 ft <sup>3</sup> (1 m <sup>3</sup> )	2 ft (60 cm)	1 year
VC 2-2	3" x 1 ¼" x 1"	35 ft <sup>3</sup> (1 m <sup>3</sup> )	2 ft (60 cm)	2 years
VC 6-1	8" x 4" x 2"	900 ft <sup>3</sup> (25 m <sup>3</sup> )	6 ft (200 cm)	1 year
VC 6-2	8" x 4" x 2"	900 ft <sup>3</sup> (25 m <sup>3</sup> )	6 ft (200 cm)	2 years

\* 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%

### DECLARATION

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## Availability

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

Part Number	Model	Quantity
375-M-00006	VC 1-1(s)	50/Case
375-M-00001	VC 1-1	50/Case
375-M-00002	VC 2-1	25/Case
375-M-00003	VC 2-2	10/Case
375-M-00004	VC 6-1	4/Case
375-M-00005	VC 6-2	4/Case

## 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.

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