ZERUST® EXCOR®

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 use 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 securely in desired location. 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.

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.

Zerust®

Specifications

Product Information	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 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, solder.

Availability

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

Model	Units/Case
VC 1-1(s)	50
VC 1-1	50
VC 2-1	25
VC 2-2	10
VC 6-1	4
VC 6-2	4

Protection Capabilities*

Model	Protection Volume (Up to)	Protection Radius (Up to)	Protection Duration (Up to)
VC 1-1(s)	4 ft^3 (0.12 m^3)	1 ft (30 cm)	1 year
VC 1-1	4 ft^3 (0.12 m^3)	1 ft (30 cm)	1 year
VC 2-1	35 ft^3 (1 m^3)	2 ft (60 cm)	1 year
VC 2-2	35 ft^3 (1 m^3)	2 ft (60 cm)	2 years
VC 6-1	900 ft^3 (25 m^3)	6 ft (200 cm)	1 year
VC 6-2	900 ft^3 (25 m^3)	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.

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 of package.

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