

ZERUST® Vapor Capsules

Technical Data Sheet

Product Description

ZERUST® Vapor Capsules are portable capsules containing proven ZERUST® Vapor Corrosion Inhibitor (VCI) technology. They are used to protect metals in hard-to-reach areas of control panels, electrical cabinets, or any other enclosed spaces from corrosion. They even protect when items are in operation or may be used as a supplement to other ZERUST® VCI packaging products for added protection. ZERUST® Vapor 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.

Typical Applications

- Electrical and control panels.
- Electrical cabinets and other hard-to-reach spaces.
- Corrosion protection in operational equipment.
- Supplementing existing VCI solutions in industrial settings

Key Advantages

- Proven Corrosion Protection: Delivers reliable, long-term protection against rust and tarnish.
- Easy Installation: Features adhesive backing for quick and secure placement.
- Versatile Application: Suitable for various metal types and confined spaces.
- Operational Compatibility: Protects metals even while systems are in use.
- Non-Toxic VCI molecules that do not interfere with equipment functionality.
- Flexible Usage: Can be combined with other VCI solutions for added protection.
- Efficient Maintenance: VCI dissipates upon removal, enabling immediate processing such as painting or welding.

Application Guidelines and Removal*

- Remove capsule from outer packaging.
- Peel back the protective paper from the adhesive tape.
- Securely place the ZERUST® Vapor Capsules in the desired location within the enclosed space.
- For additional protection, lightly spray with ZERUST® Axxanol™ 718-ESS.
- Ensure the enclosure is tightly sealed to trap the protective VCI vapor.
- Replace every two years, if access doors are opened frequently consider replacement annually.

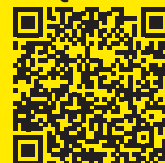
*Consult a ZERUST® representative to discuss specific needs.

Typical Properties

Properties**	Details
Appearance	PE-plastic capsule and foam or protective foam containing active pellets
Substrate	Multimetal protection
Vapor Inhibiting Ability (VIA)	Pass (NACE TM0208)

**Typical values are not meant to be a specification.

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product information

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Availability

Contact a ZERUST® representative for ordering information.

Model	Product Number	Unit of Measure
VC1-1(s)	375-M-00006	50/Case
VC1-1	375-M-00001	50/Case
VC2-1	375-M-00002	25/Case

Model	Product Number	Unit of Measure
VC2-2	375-M-00003	10/Case
VC6-1	375-M-00004	4/Case
VC6-2	375-M-00005	4/Case

Protection Info[†]

Contact a ZERUST® representative for ordering information.

Model	Product Dimensions* L x W x H	Protection Volume (Up to) [†]	Protection Radius (Up to) [†]	Protection Duration (Up to) [†]
VC1-1(s)	1 ¼" x 1" x ¾"	4 ft3 (0.12 m3) [†]	1 ft (30 cm) [†]	1 year [†]
VC1-1	2 ¼" x 1" x ¾"	4 ft3 (0.12 m3) [†]	1 ft (30 cm) [†]	1 year [†]
VC2-1	2 1/6" x 1 ¼" x 1"	35 ft3 (1 m3) [†]	2 ft (60 cm) [†]	1 year [†]
VC2-2	3" x 1 ¼" x 1"	35 ft3 (1 m3) [†]	2 ft (60 cm) [†]	2 years [†]
VC6-1	8" x 4" x 2"	900 ft3 (25 m3) [†]	6 ft (200 cm) [†]	1 year [†]
VC6-2	8" x 4" x 2"	900 ft3 (25 m3) [†]	6 ft (200 cm) [†]	2 years [†]

Storage

Store in a cool, dry place and away from sunlight in the original packaging.

Optimal storage temperature is < 85°F (29°C) and 50% RH for up to 2 years from the date of shipment.

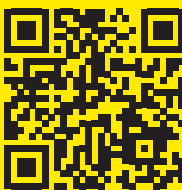
[†] DECLARATION

Corrosion protection claims are based on Northern Technologies International Corporation (NTIC) internal laboratory testing performed under controlled parameters on contaminate-free substrates. Real-world application corrosion protection duration on different substrates will vary and depends on factors such as, but not limited to, the application or use, environmental/ storage conditions, surface cleanliness, type of substrates, and coating thickness (where applicable). The use of the term "Up to" in reference to time is defined as any time duration from zero up to a specified time frame, but in no event beyond the specified time frame. The use of the term "for years" is based on NTIC's experience with its products but is in no way guaranteed. The use of the term "Up to" in reference to volume is defined as any volume from zero up to a specified volume but in no event beyond the specified volume of protection. It is the customer's/user's obligation to evaluate product performance, corrosion protection duration, safety, and suitability for intended use within the scope advised in the data sheet and to comply with all applicable laws and regulations.

LIMITED WARRANTY/DISCLAIMER Warranty is limited to the replacement of a product that fails to meet specifications. For full warranty and disclaimer information, visit www.zerust.com/warranty.

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Supersedes: v0
Revised: 05/19/2025



With over 50 years of experience, ZERUST® Integrity Solutions, a division of Northern Technologies International Corporation (NTIC), creates unique inhibitor-based corrosion prevention solutions to serve terminals, pipelines, exploration and production, equipment suppliers, transportation sectors, and more.

ZERUST® Integrity Solutions, ZERUST®/EXCOR®, and Natur-Tec® are sister companies under NTIC.

