



TECHNICAL DATASHEET

PRODUCT NAME – VCI EMITTERS CUBE

PRODUCT CODE – VCI 5/11 OR 105/111

PRODUCT DESCRIPTION

VCI Emitters are used to protect electronic and metal components from the wrath of corrosion.

Emitters can be placed in the vicinity of the electronic and metal components, which are in an enclosed environment.

The molecules protect multimetal systems including steel, copper, silver, gold, tin, solder.

The desiccant in the emitter also helps to regulate humidity and prevents condensation of moisture on electronics.

The VCI molecules evaporate from the breathable membrane and provide long-term corrosion protection from humidity and corrosive gases such as H₂S, NH₃ and SO₂.

The vapours do not increase in contact resistance in electrical circuits and have no adverse effect on insulating materials or high voltage corona or carbon tracking.

APPLICATIONS

VCI Emitter 105/111 are extremely simple and convenient to install. The device should be installed at the earliest possible time. Simply select a space within any enclosure where corrosion protection would be useful.

- Remove the shrink wrapping film on the Emitter.
- Verify the surface to which the device will be affixed is clean and free of debris.
- Remove the adhesive backing behind the emitter capsule and stick it on the surface.

KEY ADVANTAGES

- Economical to use
- Protects up to 2 years
- Easy to install
- Non Toxic Safe to handle
- Effective in adverse environmental conditions
- Multi metal Protection
- Self Adhesive Back
- RoHS compliant
- Free of Nitrites, Halogens & Phosphates





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FEATURES

- Powerful and extremely strong and excellent ability to conform to various metal/non metal configurations
- Multi-metal VCI protection for all surfaces
- Minimal equipment investment with substantial reduction in labor costs for corrosion control
- Reduces corrosion associated problems
- Dry packaging compatible product
- Quick to use, remove and easy to recycle

- Electronic Panels
- Electronic Cards and Terminal Boxes
- Telecommunication Equipment
- Remote Electronic Devices
- Guns and Ammunitions

PACKAGING AND STORAGE

Store in a cool dry place and always keep VCI film wrapped when not in use.

Standard pack size Emitter 5- 20 pcs per box and Emitter 11 – 10 pcs per box

SPECIFICATIONS

Property	VCI 105	VCI 111
Size (inches)	2"X2"X1"	3.25"X2"X1"
Area protected (cu ft)	5	11
Protection type	Multi-metal	Multi-metal
Protection Period	3 years	3 years
Self Adhesive Backing	Yes	Yes
Material	PP body with VCI Emitter chemical inside	PP body with VCI Emitter Chemical Inside
Metals Protected	Multimetal	Multimetal

DISPOSAL

Recommendation: Do not allow product to reach sewage system. Disposal of product or waste must comply with official local regulations.

Packaging that cannot be recycled must be disposed in the same manner as the product.

SAFETY INFORMATION

- Keep Out Of Reach Of Children
- Keep Container Tightly Closed
- Not For Internal Consumption
- Consult Material Safety Data Sheet For More Information
- Safe for people
- This product does not pose a health hazard to users due to its classification as an article according to EU REACH, UN GHS, US OSHA HazCom and CA WHMIS regulations.
- Rust-X VCI chemistry is safe for sensitive electronics.
- Rust-X VCI chemistry imposes No galvanic effects, residues or changes in the properties of metals. The protective molecules dissipate upon opening of package.

USAGES

- Electrical Equipment
- Aerospace Equipment
- Machinery Parts
- Electrical Panels
- Electrical Motors



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HEAVY METALS DECLARATION

RUST-X Rust Preventive products do not contain Lead (Pb), Mercury (Hg), Cadmium (Cd), Hexavalent Chromium (Cr6), Polybrominated biphenyls (PBB), or Polybrominated di-phenylether complying with the re-stricted substances listed in Article 4(1) of the RoHS Directive. RUST-X Rust Preventive Oils are also REACH Compliant for exports to the European Union.

DECLARATION

This Data sheet and information it contains is considered to be accurate at the date of printing. No representation or warranty, expressed or implied is made as to the accuracy or completeness of the data and information contained in this publication. It is the User's obligation to evaluate and use products safely and within the scope advised in the data sheet and to comply with all applicable laws and regulations

LIMITED WARRANTY

All statements, technical information and recommendations contained herein are based on validations and tests conducted by HI TECH INTERNATIONAL/RUST-X or its partners and are believed to be reliable, but the accuracy or completeness thereof is not guaranteed. We warrant our products will be free from defects when shipped to customer. Our obligation under this warranty shall be limited to replacement of product that proves to be defective. To obtain replacement product under this warranty, the customer must notify Rust-X, Hi Tech International or its partners or agent of the claimed defect within 3 months after shipment of product to customer. Customer shall pay all freight charges for replacement products. We shall have no liability for any injury, loss or damage arising out of the use of or the inability to use the products. And any financial claims shall be limited to the value of the film sold.

Before using, user shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith. No representation or recommendation not contained herein shall have any force or effect unless in a written document signed by an officer of the company. The foregoing warranty is exclusive and in lieu of all other warranties, express, implied or statutory, including without limitation any implied warranty of merchantability or of fitness for a particular purpose. In no case shall HI TECH INTERNATIONAL/RUST-X be liable for incidental or consequential damages.

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RUST-X

REST WITHOUT RUST



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