



VCI EMITTING SYSTEMS & ELECTRONIC PRODUCTS

VCI-105 Emitter



PRODUCT DESCRIPTION

Cortec® VpCI™.105 emitters are unique devices designed to provide corrosion protection for metal components and parts enclosed in non-ventilated control boxes, cabinets or tool boxes up to 5 cubic feet (141.6 liters) in volume. The VpCI™ (Vapor phase Corrosion Inhibitor™) emits vapors that absorb as molecular layers on metal surfaces to protect critical, complex and expensive electronic equipment and other metal components during operation, shipping or storage. VpCI™.105 is a small, patented plastic emitter with a breathable Tyvek® membrane through which the corrosion inhibitor is released. It provides long-term protection against corrosion even in the presence of adverse conditions including salt, moisture, airborne contaminants, H₂S, SO₂, NH₃ and others.

TYPICAL APPLICATIONS

VpCI™.105 can be effectively used for:

- Operations, packaging and storage electrical equipment
- Marine navigation and communication electronic equipment

- Aerospace electrical controls
- Electric motors
- Switching equipment
- Fuse boxes and power boxes
- Medical equipment
- Electrical wireways and terminal boxes
- Scientific and measuring instruments
- Telecommunications equipment
- Remote electronics devices
- Hand-held, battery-operated devices
- Tool-boxes, parts-storage and other containers holding metals

FEATURES

- Economical to use.
- Provides continuous protection for up to 24 months.
- Effective in polluted and humid environments.
- Does not interfere with electrical, optical or mechanical surface properties.
- Multimetal protection.
- Quick and easy installation.
- Protects during operation and shutdown.
- Non-toxic and safe to handle.
- Contains desiccant properties.
- FDA and USDA approved.
- Approved for U.S. military and NATO.
- NSN 6850-01-406-2060.
- Compact, space-saving, unobtrusive device.
- Free of nitrites, silicones and phosphates.
- No spraying, wiping or dipping required.
- Low VOC values.
- Meets Southern California Clean Air Act and other National and local regulations.
- self-stick back
- self-stick date label

METHOD OF APPLICATION

VpCI™-105 is 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. Verify the surface to which the device will be affixed is clean and free of debris. Peel off the protective peel strip from the bottom of the device and attach it to the clean surface.

VpCI™-105 emitters can be installed in any position. For volumes greater than 5 cubic feet (141.6 liters), use more than one device. If the enclosure is not totally airtight, or if the access doors are opened frequently, replace the VpCI™-105 device more often than every 2 years. After periods of heavy maintenance replace the device in addition to spraying the enclosure very lightly with ElectriCorr™ VpCI™-238 or VpCI™.

Tyvek® is a trademark of E.I. DuPont & Company.

SPECIFICATIONS

Packaging	20 per carton
Protection	5 ft ³ (0.15 m ³)
Standard Size	Plastic emitter with breathable membrane 2.25" D x 0.75" H (5.7 cm D x 2 cm H)

Product should not be exposed to temperatures over 185°F (85°C).

FOR INDUSTRIAL USE ONLY

KEEP OUT OF REACH OF CHILDREN

KEEP CONTAINER TIGHTLY SEALED

NOT FOR INTERNAL CONSUMPTION

CONSULT MATERIAL SAFETY DATA SHEET FOR MORE INFORMATION

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