



VCI EMITTING SYSTEMS & ELECTRONIC PRODUCTS

VCI-111

PRODUCT DESCRIPTION

VCI-111 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 11 cubic feet (312 liters). The VCIs emit vapors which form a molecular layer on internal metal surfaces to protect critical, complex and expensive electronic equipment during operation, shipping or storage. VCI-111 is a small, patented plastic emitter with a breathable Tyvek* membrane through which corrosion inhibitors are slowly released. VCI-111 provides long-term protection against corrosion even in the presence of adverse conditions including salt, moisture, airborne contaminants, H₂S, SO₂, NH₃ and others.

FEATURES

- Economical to use.
- Very convenient to install.
- Provides continuous protection up to 24 months during operation and/or shutdown.
- Effective in polluted and humid environments.
- Does not interfere with electrical, optical or mechanical performance.
- Multimetal protection.
- Quick, easy installation.
- Non-toxic and safe to handle.
- Compact and space-saving.
- Free of nitrites, silicones, and phosphates.
- No spraying, wiping or dipping required.
- VOC values meet the Southern California Clean Air Act and other local regulations.

TYPICAL APPLICATIONS

- Operating, packaged and stored electrical equipment.
- Marine navigation and communications equipment.
- Aerospace electrical controls.
- Electrical motors.
- Switching equipment.
- Fuse boxes, power boxes.
- Medical equipment.
- Electrical wireways, terminal boxes.
- Scientific and measuring instruments.
- Telecommunications equipment and remote electronic devices.

METHOD OF APPLICATION

VCI-111 is extremely simple and convenient to install. VCI-111 emitters should be installed as soon as possible, preferably during manufacture or assembly. Simply select a space within any enclosed device where corrosion protection would be useful. Verify the surface to which the device will be installed 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. The peel strip can be separated to reveal a self-adhesive sticker on which the installation and replacement dates can be noted. VCI-111 emitters can be installed in any position. For volumes greater than 11 cubic feet (312 liters), install more than one emitter. If the enclosure is not totally air-tight or if the access doors are opened frequently, replace the VCI-111 emitter more often than every 2 years. After periods of heavy maintenance replace the emitter or spray the enclosure very lightly with Cortec® VCI-238 Aerosol.



CORTEC
CORPORATION

Environmentally Safe VCI/MCI® Technologies



PROPERTIES

Appearance	Green cup with Tyvek* lid
Standard Size	Plastic device with breathable membrane 2.3 in. diameter x 1.27 in. H (5.8 cm x 3.2 cm)
Protection	11.0 ft ³ (0.31 m ³)
Packaging	10 individually wrapped emitters per carton

*Tyvek is a trademark of El DuPont de Nemours

FOR INDUSTRIAL USE ONLY

KEEP OUT OF REACH OF CHILDREN

KEEP CONTAINER TIGHTLY CLOSED

NOT FOR INTERNAL CONSUMPTION

**CONSULT MATERIAL SAFETY DATA SHEET FOR
MORE INFORMATION**

TOLL FREE CUSTOMER SERVICE 1-866-577-2326

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