



## VCI EMITTING SYSTEMS & ELECTRONIC PRODUCTS

# VCI-150 & VCI-170

### PRODUCT DESCRIPTION

VCI-150 and VCI-170 tapes are unique emitting devices designed to provide corrosion protection for metal components and parts enclosed in non-ventilated control boxes, cabinetry or tool boxes. VCI-150 protects up to 0.4 cubic foot (11.3 liters) per linear inch (2.5 cm) and VCI-170 protects up to 1 cubic foot (28.3 liters) in volume per linear inch (2.5 cm). The VCI emits vapors which deposit a molecular layer on internal metal surfaces to protect critical, complex and expensive electronic equipment during operation, shipping or storage. VCI-150 and VCI-170 are patented foam tapes from which the corrosion inhibitor is slowly released and moisture can be absorbed. They provide long-term protection against corrosion even in the presence of adverse conditions including salt, moisture, airborne contaminants, H<sub>2</sub>S, SO<sub>2</sub>, NH<sub>3</sub> and others.

### TYPICAL APPLICATIONS

VCI-150 and VCI-170 can be effectively used for all operating, packaged and stored electrical equipment, marine navigation and communication equipment, aerospace electrical controls, electric motors, switching equipment, fuseboxes, power boxes, medical equipment, electrical wireways, terminal boxes, scientific and measuring instruments, telecommunications equipment and remote electronic devices.

### FEATURES

- Economical to use.
- Very convenient to install.
- Provides continuous protection up to 24 months.
- Effective in polluted and humid environments.
- Does not interfere with electrical, optical and mechanical surface performance.
- Multimetal performance.
- Protects during operation and shutdown.
- Non-toxic and safe to handle.
- Compact, space-saving, inobtrusive device.
- Free of nitrites, silicones, phosphates.
- USDA and FDA approved for indirect use on food processing and packaging equipment.
- Approved for U.S. military use:  
NATO# 8030-00-244-1299

- No spraying, wiping or dipping required.
- Low VOC values, meets Southern California Clean Air Act and other local regulations.
- Ability to wick away moisture.

### METHOD OF APPLICATION

VCI-150 and VCI-170 are extremely simple and convenient to install. The tapes should be installed as soon as possible. Simply select a space within any enclosed system where corrosion protection would be useful. Verify the surface to which the tape will be installed is clean and free of debris. Peel off the protective peel strip from the bottom of the tape and attach it to the clean surface. The VCI-150 and VCI-170 tapes can be installed in any position. If the enclosure is not totally airtight, or if the access doors are opened frequently, replace the VCI-150 and VCI-170 tape more often than every 2 years. After periods of heavy maintenance replace the tape and spray the enclosure very lightly with VCI-238 Aerosol, corrosion inhibiting cleaner/protector.

### SPECIFICATIONS

VCI-150 Tape (Foam tape with adhesive backing)	
Packaging	6 rolls packaged in resealable poly bags per carton
Protection	0.4 ft. <sup>3</sup> (11 liters) per linear inch (per 2.5 cm)
Standard Size	12' L x 3/4" W x 1/4" H (3.6 m x 19 mm x 6 mm)
VCI-170 Tape (Foam tape with adhesive backing)	
Packaging	1 roll packaged in a resealable poly bag per carton
Protection	1 ft. <sup>3</sup> (28.3 liters) per linear inch 2.5 cm)
Standard Size	20' L x 2" W x 1/4" H (6.1 m x 51 mm x 6 mm)



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