



PRODUCT DESCRIPTION

VpCI®-101 devices are designed to provide corrosion protection for metal components and parts enclosed in non-ventilated control boxes, cabinets or tool boxes. A VpCI®-101 device protects up to 1 cubic foot (28 liters) in volume. VpCI®-101 is a small patented foam device from which Vapor phase Corrosion Inhibitors are slowly released. The VpCI's emit vapors that form a molecular layer on metal surfaces to protect critical, complex and expensive electronic equipment and other metal components during operations, shipping or storage. VpCI®-101 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

- Operating, packaged and stored electrical equipment
- Marine navigation and communication equipment
- Aerospace electrical controls
- Electric motors
- Switching equipment
- Fuse boxes and power boxes
- Medical equipment
- Electrical wire ways and terminal boxes
- Scientific and measuring instruments
- Telecommunications equipment and remote electronic devices
- Hand-held, battery-operated devices
- Tool boxes, parts storage and other containers holding metals

FEATURES

- FDA and USDA approved
- Economical to use
- 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 and easy installation
- Non-toxic and safe to handle
- Compact and space-saving
- Free of nitrites, silicones and phosphates
- No spraying, wiping or dipping required
- Self-stick back
- Self-stick date label
- Meets Southern California Clean Air Act, and other National and local regulations
- NSN* #6850-01-338-1392
- Conforms to MIL-PRF-81705D

METHOD OF APPLICATION

VpCI®-101 devices are extremely simple and convenient to install. The devices should be installed at the earliest possible time, preferably during manufacture or assembly. 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®-101 devices can be installed in any position. For volumes greater than 1 cubic foot (28 liters), use more than one device. If the enclosure is not totally airtight, or if the access doors are opened frequently, replace the VpCI®-101 device more often than every 2 years. After periods of heavy maintenance replace the device. For additional protection spray the enclosure very lightly with Cortec® ElectriCorr® VpCI®-238 or VpCI®-239.

SPECIFICATIONS

Standard Size	Foam device with adhesive backing 3" (L) x 1¼" (W) x ¼" (H) (7.6 cm x 3.2 cm x 0.6 cm)
Packaging	50 individually wrapped devices
Protection	1 ft ³ (28 Liters) per device



LIMITED WARRANTY

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