



## VpCI™ EMITTING SYSTEMS & ELECTRONIC PRODUCTS

# VpCI®-150,170 Adhesive Backed Foam Tape, Patented



### PRODUCT DESCRIPTION

VpCI-150 and VpCI-170 patented foam tapes protect metal in enclosed spaces from corrosion. Effective in control boxes or cabinets to protect sensitive electronic components; VpCI-150 and 170 offer low maintenance protection during operation, shipping, or storage. Not only do these unique tapes provide Vapor phase Corrosion Inhibitor (VpCI) protection, but they also provide antistatic protection under military specification MIL-B-81705C.

Cortec® VpCI products prevent corrosion through their unique VpCI action. VpCIs adsorb on to metal surfaces creating a molecular layer of protection. VpCI-150 and 170 are effective against a variety of corrosive agents, including salt, airborne contaminants, H<sub>2</sub>S, SO<sub>2</sub>, NH<sub>3</sub>, and others.

VpCI-150 protects up to 0.4 ft<sup>3</sup> (11.3 liter) per linear inch (2.5 cm). VpCI-170 protects up to 1 ft<sup>3</sup> (28.3 liter) by volume per linear inch (2.5 cm).

### TYPICAL APPLICATIONS

- Operating, packaged, and stored electrical equipment
- Marine navigation and communication equipment
- Electrical and electronic enclosures
- Electric motors, AC, and DC
- Switching equipment; low and high voltage
- Fuse boxes and power boxes
- Medical equipment
- Electrical RF and electronic wireways and terminal boxes
- Scientific and measuring instruments
- Telecommunications equipment
- Remote electronic devices
- All conductive leads, connectors, and terminals

### FEATURES

- Economical to use
- Provides continuous protection for up to 24 months
- Effective in polluted and humid environments
- Does not interfere with electrical, electronic, optical, or mechanical surface properties
- Multimetal protection
- Quick and easy installation
- Protects during operation and shutdown
- Non-toxic and safe to handle
- Free of nitrites, silicones, and phosphates
- Compact, space-saving, unobtrusive tapes
- Accepted by Canadian Food Inspection Agency for indirect contact with food and packaging equipment
- NATO #8030-00-244-1299
- NSN #8030-01-208-1769
- No spraying, wiping, or dipping required
- Low VOC values
- Meets Southern California Clean Air Act and other National and local regulations

- Electro-static dissipative
- Ability to wick away moisture
- Meets MIL-B-81705C for static dissipative materials
- Conforms to VIA Test per MIL-B-22110

#### METHOD OF APPLICATION

VpCI-150 and VpCI-170 are extremely simple and convenient to install. Simply select a space within any enclosed device where corrosion protection would be useful. Verify the surface the tape will be affixed 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.

VpCI-150 and VpCI-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 VpCI-150 and VpCI-170 tape more often than every 2 years. After periods of heavy maintenance replace the tape. Additionally, spray the enclosure very lightly with ElectriCorr® VpCI-238 or VpCI-239.

#### SPECIFICATIONS

*VpCI-150 Tape (Foam tape with adhesive backing)*

Packaging	6 rolls packaged in resealable poly bags per carton
Protection	0.4 ft <sup>3</sup> (11.3 liter) per linear inch (per 2.5 cm)
Standard Size	12 ft L x 3/4" W x 1/4" H (3.7 m x 19 mm x 6 mm)

*VpCI-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 liter) per linear inch (per 2.5 cm)
Standard Size	20 ft L x 2" W x 1/4" H (6.1 m x 51 mm x 6 mm)
Maximum Temperature	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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