



## VpCI® EMITTING SYSTEMS & ELECTRONIC PRODUCTS

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



## FEATURES

- Provides continuous protection for up to 24 months during operation and shutdown
- Does not interfere with electrical, electronic, optical, or mechanical surface properties
- Protects copper, aluminum, steel, and stainless steel
- Quick and easy installation
- Non-toxic and safe to handle
- Free of nitrites, silicones, and phosphates
- Compact, space-saving, unobtrusive, and economical
- No spraying, wiping, or dipping required
- Low VOC values
- Meets MIL-B-81705C for static dissipative materials
- Conforms to VIA Test per MIL-B-22110
- NATO #8030-00-244-1299
- NSN #8030-01-208-1769

## 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 protection, but they also provide antistatic protection under military specification MIL-B-81705C.

Cortec® VpCI® products prevent corrosion through their unique Vapor phase Corrosion Inhibitor 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.

## 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
- Electrical RF, electronic wireways, and terminal boxes
- Scientific and measuring instruments
- Telecommunications equipment
- Remote electronic devices
- All conductive leads, connectors, and terminals

## 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 CLOSED  
NOT FOR INTERNAL CONSUMPTION  
CONSULT SAFETY DATA SHEET FOR MORE  
INFORMATION**

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