

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

Cortec® VpCI products prevent corrosion through their unique VpCI action. VpCIs, or vapor corrosion inhibitors 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, H₂S, SO₂, NH₃ and others.

VpCI-150 protects up to 0.4 ft³ (11.3 liter) per linear inch (2.5 cm). VpCI-170 protects up to 1 ft³ (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
- Provide continuous protection for up to 24 months
- Effective in polluted and humid environments
- Do not interfere with electrical, electronic, optical or mechanical surface properties
- Multimetal protection
- Quick and easy installation
- Protect during operation and shutdown
- Non-toxic and safe to handle
- Free of nitrites, silicones and phosphates
- Compact, space-saving, unobtrusive tapes
- FDA and USDA approved for indirect use on food processing 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



CORTEC
CORPORATION

Environmentally Safe VpCI™/MCI® Technologies

- 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 to which 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 ³ (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 ³ (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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