



## 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 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

## 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

## 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 ¾" W x ¼" 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 ¼" 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**

### LIMITED WARRANTY

All statements, technical information and recommendations contained herein are based on tests Cortec® Corporation believes to be reliable, but the accuracy or completeness thereof is not guaranteed.

Cortec® Corporation warrants Cortec® products will be free from defects when shipped to customer. Cortec® Corporation's obligation under this warranty shall be limited to replacement of product that proves to be defective. To obtain replacement product under this warranty, the customer must notify Cortec® Corporation of the claimed defect within six months after shipment of product to customer. All freight charges for replacement products shall be paid by customer.

Cortec® Corporation shall have no liability for any injury, loss or damage arising out of the use of or the inability to use the products.  
BEFORE USING, USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR ITS INTENDED USE,

AND USER ASSUMES ALL RISK AND LIABILITY WHATSOEVER IN CONNECTION THEREWITH. No representation or recommendation not contained herein shall have any force or effect unless in a written document signed by an officer of Cortec® Corporation.

THE FOREGOING WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE. IN NO CASE SHALL CORTEC® CORPORATION BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.



4119 White Bear Parkway, St. Paul, MN 55110 USA  
Phone (651) 429-1100, Fax (651) 429-1122  
Toll Free (800) 4-CORTEC, E-mail [info@cortecvci.com](mailto:info@cortecvci.com)  
<http://www.cortecvci.com>

Printed on recycled paper  100% post consumer

Revised: 08/22/17 . Supersedes: 05/12/17 ©Cortec Corporation 2002-2017 of Cortec Corporation.  
All Rights Reserved. Copying of these materials in any form without the written authorization of Cortec Corporation is strictly prohibited. 2017, ©Cortec Corp. ISO accreditation applies to Cortec's processes only.

Distributed by:



**Valdamark Limited**  
Unit 13,  
30 The Downs  
Altrincham, Cheshire, WP14 2PX,  
United Kingdom.  
[valdamark@live.com](mailto:valdamark@live.com)  
Tel: +44 (0) 161 706 0388

