



VpCI® EMITTING SYSTEMS & ELECTRONIC PRODUCTS

VpCI®-105 Emitter, Patented



PRODUCT DESCRIPTION

Cortec® VpCI®-105 emitters are unique devices designed to provide corrosion protection for metal components and parts enclosed in non-ventilated control boxes, cabinets, or tool boxes up to 5 cubic feet (141.6 liters). The VpCI®-105 device emits Vapor phase Corrosion Inhibitors, which form a protective coating on all metal surfaces. VpCI®-105 is a patented plastic emitter with a breathable Tyvek®* membrane through which the corrosion inhibitor is released. It 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

VpCI®-105 can be effectively used for the protection of metal in any enclosure:

- Packaging and storage electrical equipment
- Marine navigation and communication electronic equipment
- Aerospace electrical controls
- Electric motors
- Switching equipment
- Fuse boxes and power boxes
- Medical equipment
- Electrical wireways and terminal boxes
- Scientific and measuring instruments
- Telecommunications equipment

* Tyvek® is a registered trademark of Dupont®

- Remote electronics devices
- Hand-held battery-operated devices
- Tool-boxes, gun safes, and any other enclosure for metal storage

FEATURES

- Economical to use
- Provides continuous protection for up to 24 months
- Effective in polluted and humid environments
- Does not interfere with electrical, optical, or mechanical surface properties
- Multimetal protection
- Quick and easy installation
- Protects during operation and shutdown
- Safe to handle
- Compact, space-saving, and unobtrusive device
- Free of nitrites, halogens, and phosphates
- No spraying, wiping, or dipping required
- Self-stick back
- Self-stick date label
- Accepted by FDA for corrosion protection of electrical and electronic equipment within food processing plants
- Approved for U.S. military and NATO
- NSN 6850-01-406-2060

METHOD OF APPLICATION

VpCI®-105 is extremely simple and convenient to install. The device should be installed at the earliest possible time. Simply select a space within any enclosure where corrosion protection would be useful. Verify the surface the device will be affixed to 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®-105 emitters can be installed in any position. For volumes greater than 5 cubic feet (141.6 liters), use more than one device. If the enclosure is not totally airtight, or if the access doors are opened frequently, replace the VpCI®-105 device more often than every 2 years. After periods of heavy maintenance, replace the device. For additional protection spray the enclosure very lightly with ElectriCorr® VpCI®-238 or VpCI®-239.



SPECIFICATIONS

Packaging	20 per carton
Protection	up to 5 ft ³ (141.6 Liters) per device
Standard Size	Plastic emitter cup with breathable membrane 2.25" D x 0.75" H (5.7 cm D x 2 cm H)

Product should not be exposed to temperatures over 185°F (85°C).

**FOR INDUSTRIAL USE ONLY
KEEP OUT OF REACH OF CHILDREN
KEEP CONTAINER TIGHTLY CLOSED
NOT FOR INTERNAL CONSUMPTION**

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.



Distributed by:

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
<http://www.cortecvci.com>

Printed on recycled paper  100% post consumer

Revised: 08/22/17. Supersedes: 08/01/13 ©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.