



VpCI® EMITTING SYSTEMS & ELECTRONIC PRODUCTS

VpCI®-101 Device, Patented



PRODUCT DESCRIPTION

VpCI®-101 devices are designed to provide corrosion protection for metal components and parts enclosed in non-ventilated control boxes, cabinets, or tool boxes. A VpCI®-101 device protects up to 1 cubic foot (28 liters) in volume. VpCI®-101 is a small patented device from which Vapor phase Corrosion Inhibitors are slowly released. The corrosion inhibitors emit vapors that form a molecular layer on metal surfaces to protect critical, complex, and expensive electronic equipment and other metal components during operations, shipping, or storage. VpCI®-101 provides long-term protection against corrosion even in the presence of adverse conditions including salt, moisture, airborne contaminants, H_2S , SO_2 , NH_3 , and others.

TYPICAL APPLICATIONS

- Operating, packaged, and stored electrical equipment
- Marine navigation and communication 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 and remote electronic devices
- Hand-held battery-operated devices
- Tool boxes, parts storage, and other containers holding metals

FEATURES

- Economical to use
- Convenient to install
- Provides continuous protection up to 24 months during operation and/or shutdown
- Effective in polluted and humid environments
- Does not interfere with electrical, optical, or mechanical performance
- Multimetal protection
- Quick and easy installation
- Non-toxic and safe to handle
- Compact and space-saving
- Free of nitrites, silicones, and phosphates
- No spraying, wiping, or dipping required
- Self-stick back
- Self-stick date label
- Accepted by Canadian Food Inspection Agency for indirect food contact
- NSN* #6850-01-338-1392

*U.S. Military - "National Stock Number"

METHOD OF APPLICATION

VpCI®-101 devices are extremely simple and convenient to install. The devices should be installed at the earliest possible time, preferably during manufacturing or assembly. Simply select a space within any enclosure where corrosion protection would be useful. Verify the surface where the device will be affixed 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®-101 devices can be installed in any position. For volumes greater than 1 cubic foot (28 liters) use more than one device. If the enclosure is not totally airtight, or if the access doors are opened frequently, replace the VpCI®-101 device more often than every 2 years. After periods of heavy maintenance replace the device. For additional protection spray the enclosure very lightly with Cortec® ElectriCorr® VpCI®-238 or VpCI®-239.



SPECIFICATIONS

Standard Size	Foam device with adhesive backing 3" (L) x 1 1/4" (W) x 1/4" (H) (7.6 cm x 3.2 cm x 0.6 cm)
Packaging	50 individually wrapped devices
Protection	1 ft ³ (28 Liters) per device

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.



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: 10/13/17. 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.

Distributed by:



Valdamark Ltd
Unit 13,
30 The Downs,
Altrincham, Cheshire, WA14 2PX,
United Kingdom.
info@valdamarkdirect.com
Tel: +44 (0) 161 706 0388