

## *VCI EMITTERS ADHESIVE BACKED*

VCI EMITTERS come as a boon to the electrical and electronic industry. They are product life enhancers, which are compact, self-sticking devices and are very easy to install in closed electrical and electronic panels. They are porous dome containers loaded with concentrated hi-tech VCIs, which easily vaporize through this porous body. They offer effective protection to multimetal contact points against oxidation and corrosion, by making them inert to the action of corroding agents such as humidity, moisture, salts, hydrogen sulphide, sulphur dioxide, ammonia or acid rain.



### **CORE ELEMENTS :**

Oxide formation at contact points is a major source of worry for manufacturers and users of electronic /electrical equipment. This oxidation & corrosion results in loss of conductivity which causes malfunctioning of equipment & also damages delicate and expensive components.

VCI EMITTERS effectively address the problem of corrosion. VCI Anti Corrosion Emitters is an adhesive backed porous plastic dome containing. Hi-tech Volatile Corrosion inhibiting chemicals. These chemicals have a property of evaporating into surrounding enclosures. The released vapors then deposit on contact points and metal surfaces forming a protective mono-ionic layer. This layer thus offers effective protection to the contact points against oxidation & corrosion by making them inert to the action of corroding agents such as humidity, moisture, salt etc.

Emitters work well under any adverse conditions including contaminants in air such as hydrogen sulphide, sulphur dioxide, ammonia or acid rain.

### **FEATURES :**

- Offers protection to a wide range of multimetals.
- Depending on the imperviousness of the pack, protection should last up to 24 months, longer tenure protection can also be designed.
- Effective in polluted and humid atmosphere.
- Compatible with commonly used Oils, Greases, Paints, Rubbers etc.
- Mono-ionic VCI layer does not affect electrical /optical/mechanical surface properties.
- Compact & safe to handle and apply.
- Gives protection when equipment is in storage, transit and when in operation.
- Eliminates use of labor intensive conventional methods of greasing / oiling / wiping / spraying / dipping.
- Adhesive backing allows easy & quick installation.
- Not harmful to humans and is environment friendly.
- Free of nitrites, silicones and phosphates.

## **BENEFITS :**

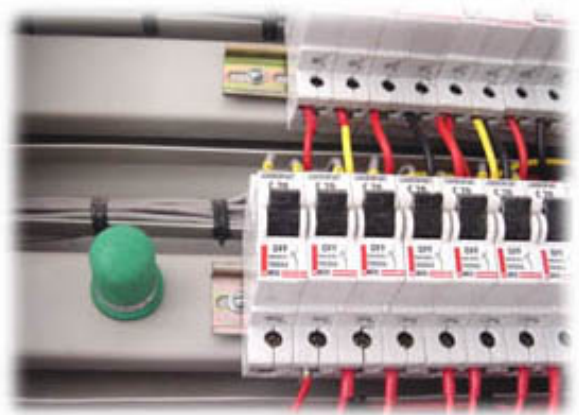
- Gives Value for money
- Cost Reduction  
by:
  - Reduced consumption
  - Labor
  - Materials &
  - Time
- Value Added Product/Service
- Peace of Mind During Shipping and Storage
- Less Periodic Maintenance
- Extends product life



## **SPECTRUM OF APPLICATIONS :**

VCI Emitters are predominantly used in following segments of industry:

- Electrical, Electronic & electro mechanical control panels
- Electrical Light fixture / Security Alarm systems
- Electric motors
- Switch gear and relay cabinets
- Battery operated devices / gadgets
- Junction Fuse boxes / Bus bars
- Marine / Aero space / Military instruments
- Computer & Telecommunication equipments
- Scientific instruments & devices
- Medical equipments & devices
- Heavy Machinery
- Tools & Spare part boxes
- Power Generation Units
- Conductive leads, connectors and terminals
- Many more !



## **METALS PROTECTED :**

Ferrous & Non Ferrous metals like Iron & Steel, Brass, Bronze, Copper, Aluminium & combination of these metals

## **METHOD OF USAGE :**

- Ideally install before the process of corrosion / oxidation starts
- Select a suitable mechanically safe location for installation.
- Ensure the surface to which it will adhere is clean & dry.
- Remove the packing of the VCI Emitter just before use.
- Peel off the adhesive tape & affix.
- Seal package well, though not necessarily air tight for maximum benefit

## **PACKAGING & STORAGE CONDITIONS :**

- Store in a cool and dry place
- Store in original packing for optimum benefits
- Stable at normal storage conditions
- VCI Emitter should be kept away from contaminants prior to usage

## **SPECIFICATIONS & STANDARDS :**

<b>GRADES</b>	<b>PROTECTION COVERAGE</b>	<b>PACKAGING</b>	<b>SIZE</b>
MDE 30	1 Cubic feet.	Pack of 50 Emitters per Zipper per Box.	1.0 cm.Ø x 2.5 cm.
MDE 150	5 Cubic feet.	Pack of 20 individually wrapped Emitters per Box.	2.0 cm.Ø x 3.0 cm.
MDE 300	11 Cubic feet.	Pack of 10 individually wrapped Emitters per Box.	2.5 cm.Ø x 5 cm.

***For ordering and technical information contact:***

***Kpr Adcor Inc. 'We Stop Rust!' TM***

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