

# VCI FOAM PACKAGING

VCI FOAM packaging inserts are engineered, VCI packaging products designed to protect ferrous/non-ferrous delicate electrical & electronic equipment, components, parts and heavy machinery from corrosion and oxidation.

The unique feature of this product is the high load of VCI chemicals and capability to absorb moisture, which makes it a very aggressive corrosion inhibitor.



Due to its high concentration of VCI, it offers over 10 times more corrosion protection than traditional VCI papers and films, making it ideal for large surfaces and long term protection.

## Benefits:

- Multi-metal Corrosion protection on a long-term basis
- Cushioning & rust protection in one easy step
- Non-hazardous and Safe
- Easy to apply resulting in reduced labor, increased plant safety and corrosion protection for metal parts during the production life cycle.
- Extends product life
- Cost Effective
- Non-hazardous and Nitrite Free

Construction is a flat polyurethane foam that contains a high load of Hi-tech Vapor Corrosion inhibiting chemicals. These chemicals have a property of sublimating & they deposit on metal surfaces forming a protective mono-ionic layer. This layer provides effective corrosion protection to ferrous & non-ferrous surfaces as well as hard to reach areas such as drill holes, crevices and interiors by making the metals inert to the action of corrosion catalysts such as humidity, moisture, salt, hydrogen sulphide, sulphur dioxide, ammonia, chlorines/chlorides, acid rain and other contaminants.

***VCI Emitting Foam Inserts are distributed by:  
Kpr Adcor Inc. 'We Stop Rust!' TM  
Toll Free USA & Canada 1-866-577-2326***

## VCI FOAM PACKAGING FEATURES

- Provides corrosion protection to a wide range of multi-metals.
- Two years corrosion protection depending on the rate of transfer of the outer packaging or the enclosure. Contact Corrosion Control International for details
- Protects metal through direct contact and vapor action
- VCI Foam protects even difficult to reach areas on large machines that are not in direct contact with the foam
- Effective in contaminated and humid atmospheres
- Compatible with commonly used oil, grease, paint, coating, rubber and plastic.
- Mono-ionic VCI layer does not affect electrical, optical or mechanical surface properties.
- Compact & safe to handle and apply
- Protects equipment and parts in storage, transit and in operation.
- Eliminates the use of labor-intensive conventional methods of greasing / oiling / degreasing / spraying / dipping
- Improves plant hygiene and safety
- VCI Foams with adhesive backing allow easy & quick installation
- Workplace and environmentally friendly.
- Free of nitrites, silicones and phosphates.
- Available in custom shapes and sizes
- Offers cushioning properties in combination with multi-metal corrosion prevention



# SPECTRUM OF APPLICATIONS

VCI FOAM Cproducts are predominantly used in following segments of industry:

- Electrical, electronic and electro mechanical control panels
- Electrical light fixtures
- Electric motors, switch gear and relay cabinets
- Junction & fuse boxes / bus bars
- Marine / aero space / military instruments
- Computer & telecommunication equipment
- Scientific instruments & devices
- Hand - held / battery operated devices / micro-electronics
- Medical equipment & devices
- Heavy machinery / compressors
- Small & delicate equipment / instrumentation
- Power-generation units and facilities
- Security and process control systems
- Tools, spare parts boxes
- Conductive leads, connectors and terminals



## Metals Protected

- Ferrous
- Iron & Steel
- Stainless Steel
- Cast or Pig Iron
- All grades of iron & steel

- Non-Ferrous
- Copper & Brass
- Bronze
- Galvanized Steel and Zinc
- Aluminum
- Silver
- Tin

## VCI FOAM PACKAGING USAGE:

- Ideally install before the process of corrosion / oxidation starts
- Ensure the surface to which it will adhere is clean & dry

- Remove the packing of the VCI Foam just before use
- Peel off the adhesive tape & affix (in case of Adhesive backed foam)
- Seal package well, though not necessarily air tight for maximum benefit



## PACKAGING & STORAGE

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

## SPECIFICATIONS

VCI Anti Corrosion Foam is available in following standard range:

| GRADES                          | PROTECTION COVERAGE | PACKAGING     | SIZE           |
|---------------------------------|---------------------|---------------|----------------|
| <b>Without Adhesive Backing</b> |                     |               |                |
| P 55                            | 1.8 Cubic feet.     | 1000 / Carton | 2" x 10" x ¼"  |
| P 150                           | 5.0 Cubic feet.     | 500 / Carton  | 7" x 8" x ¼"   |
| P 270                           | 9.0 Cubic feet.     | 250 / Carton  | 10" x 10" x ¼" |
| <b>With Adhesive Backing</b>    |                     |               |                |
| PB 55                           | 1.8 Cubic feet.     | 1000 / Carton | 2" x 10" x ¼"  |
| PB 150                          | 5.0 Cubic feet.     | 500 / Carton  | 7" x 8" x ¼"   |
| PB 270                          | 9.0 Cubic feet.     | 250 / Carton  | 10" x 10" x ¼" |

Custom available in quantity.

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