

Vapor Corrosion Inhibitor Plastics

Low cost corrosion protection

APPLICATIONS

Protection of both ferrous and non-ferrous metals from corrosion for periods of 2+ years. Metals protected include:

- Carbon and stainless steels
- Iron
- Copper
- Aluminium
- Other non-ferrous metals

Suitable for protecting machined parts, engines, tools, components, pumps, valves, etc. in:

- Export shipments
- Long term storage
- Inventory storage
- Work in progress

FEATURES

- Protects ferrous and non-ferrous metals
- **A true eco-friendly green VCI**
- 100% nitrite free
- 100% free of secondary amines
- No heavy metals present
- Can be moulded in to various forms
- Can be tinted/printed to suit your branding



BENEFITS

- Cost effective corrosion protection for assemblies, spare parts, warehousing, export shipments
- Easy to use and apply/remove
- Recyclable LDPE plastic, code 4

OVERVIEW

Our VCI plastics are made from a true eco-friendly, green VCI master batch.

Containing no secondary amines or nitrites as found in other VCI plastics they offer the same performance for the same cost.

Available in different forms including:

- Sheet (to 5.4m wide);
- Tube;
- Stretch film;
- Bags;
- Zip lock bags

Aside from stock lines we also offer custom manufacture for a minimum run of 100 kg (800kg for extra wide material). Custom printing and tint options (single to multi-colour) are also available.

PROTECTION TYPE

Protects ferrous and non-ferrous metals from corrosion.

The vapor corrosion inhibitor (VCI) protects deep cavities and voids.

Typical protection life of 2 years but may vary depending upon the climate, relative humidity, storage location etc.

Note that VCI plastic is not UV stable unless custom made. As such it should be protected from direct exposure to UV light to prevent the plastic from breaking down.

COMPLIANCE

Non-hazardous, no risk phrases. Refer to MSDS for more information. Complies to:

- TL8135 testing of VCI films
- REACH SVHC
- RoHS (electrical and electronic)
- TRGS 615 (nitrosamines)

DIRECTIONS FOR USE

Pack cool, dry parts. Ensure no fingerprints are left on bare metal parts as rusting will occur in these spots. Use gloves as needed.

Pack the part inside the VCI plastic and seal. No need to remove all air, just seal to stop air movement.

The VCI will get to work inside the space to protect the item concerned from corrosion.

STOCK SIZES

VCI Tube Stock (W x L x thickness)
200 mm x 186 m x 150 um
300 mm x 365 m x 100 um
500 mm x 260 m x 100 um

VCI Centrefold (sheet) (roll width/sheet width x length x thickness)
1000/2000 mm x 100 m x 100 um

VCI Stretch Film (W x L x thickness)
500 mm x 100 m x 23 um

VCI Zip Lock Bags (W x L x thickness)
150 mm x 230 mm x 80 um
200 mm x 300 mm x 80 um
400 mm x 400 mm x 100 um

DISPOSAL

Dispose of in normal waste collection streams. Can be recycled.

STORAGE & HANDLING

Store under cover in a cool, dry place. Shelf life of two+ years

OTHER PRODUCTS AVAILABLE

Other products available include:

- Mil Spec Barrier films (5+ years protection)
- High performance desiccant
- VCI emitters