

# Zerust® ICT® VCI Corrugate

*CORRUGATE WITH BUILT-IN CORROSION PROTECTION*

## PRODUCT INFORMATION

### FEATURES

- Environmentally friendly
- Weather resistant
- Non-toxic
- Odorless
- Hypoallergenic

### BENEFITS

- Leaves no residue
- Reduces corrosion incidences
- Customizable, durable, and reusable
- Improves shipment yield rates

Use Zerust® ICT® VCI Corrugate on your next packaging project and get Zerust® VCI corrosion protection and cardboard packing in one. Zerust® Corrugate has invisible and odorless multimetal vapor corrosion inhibitors (VCI) built-in to keep metal surfaces rust and corrosion free for up to 1 year. Zerust® Corrugate is acid free, eco-friendly, and can be configured for many applications.

### Simple, Proven, and Easy-to-Use

Since proven Zerust® protection is built into the corrugate, there is no need for additional wrapping or coatings. There is no removal needed either, simply pack metal parts into Zerust® corrugate products and tightly seal. The corrosion inhibiting VCI molecules in the Zerust® Corrugate do not interfere with the properties or functionality of the items being protected. Use other Zerust® products, such as cushioning film, in addition to Zerust® Corrugate to maximize corrosion protection.

### APPLICATION EXAMPLES

Zerust® Corrugate can be used to pack tools, automotive parts, electronic parts and components, and more.



Zerust® Corrugate can be used as dividers, separators or partitions.



Zerust® Corrugate is made with built-in corrosion protection. It protects metal parts from corrosion via the Zerust® coating which contains both contact and vapor phase corrosion inhibitors.



### APPLICATION TYPE

### CORROSION PROTECTION FOR:



# ORDERING INFORMATION

## ■ SIZE RANGE (WIDTH)

Custom size (minimum order quantity).

## ■ THICKNESS

2 MM - 5 MM

## ■ COLOR

Light yellow

## ■ STABILITY

This product is stable under normal storage and shipping conditions.

## ■ CORROSION PROTECTION TYPE

Multimetal

## ■ SHELF AND SERVICE LIFE

Estimated shelf life is 1 year if stored in the original packaging at 85°F (30°C) or less.

Subsequent in-service life is up to 1 year of corrosion protection under proper packaging, storage and handling conditions.

## CORRUGATE WITH BUILT-IN CORROSION PROTECTION

| Physical Data for Zerust® 61222A Inhibitor (that is added to Corrugate) |                                  |
|---|----------------------------------|
| Appearance and Odor   | Slightly yellow, odorless liquid |
| Boiling Point   | 105°C (221°F)                    |
| Specific Gravity  | 1.06                             |
| Vapor Pressure (mm Hg)  | 15°C 10mm                        |
| Vapor Density (air=1)   | N/A                              |
| Water Solubility  | Infinite                         |

### Important Information:

Metal objects will be protected for up to 1 year as long as they remain enclosed in the Zerust® Corrugate box, or are using corrugate as partitions within another enclosed box.

### Things to remember when using Zerust® products:

- Pack only clean and dry parts.
- Wear gloves to avoid leaving acidic, corrosion causing fingerprints.
- When packing metal parts, the ambient temperature and the part temperature should be the same to prevent condensation from forming inside of the enclosure.
- Make sure the enclosure is tightly sealed or closed in order to restrict airflow.
- Insert additional Zerust® packaging materials with Zerust® Corrugate to ensure maximum corrosion protection throughout. Use Zerust® products in addition to Corrugate where applicable, such as: Zerust® Vapor Capsules, Zerust® VCI Foaming Sheeting, Zerust® Cushioning Film, Zerust® VCI Bags or Zerust® VCI Films.
- Avoid the contact of metal parts with Non-Zerust® treated wood, paper or cardboard as these materials contain corrosion causing acids.

### We offer a full range of products for all types of situations.

Choose by corrosion protection abilities.

Choose by physical protection abilities.

Find the product that best fits your needs.

## OTHER PRODUCTS AVAILABLE

### ICT® 500 Series: Packaging Films

Our most widely used series of products. A variety of films offer short or long-term corrosion protection for parts and equipment during storage or shipment.

### ICT® 700 Series: Liquid Additives and Coatings

Temporary corrosion protection for parts in-between production processes, during storage or for added protection to the ICT® 500 series products during ocean shipments.

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and local regulations.