

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

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.

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.



APPLICATION TYPE

CORROSION PROTECTION FOR:



ORDERING INFORMATION

■ SIZE RANGE (WIDTH)

Custom size (minimum order quantity). Please contact a customer service representative for information.

■ 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.

QUESTIONS?

Please contact a Customer Service Representative at +1 (763) 225-6600 or email sales@zerust.com.

ZERUST® EXCOR

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This product is recyclable. Please consult federal, state and local regulations.

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.

Warranty and Disclaimer Information

All statements, technical information and recommendations contained herein are based on testing experiences NTIC believes to be reliable, but the accuracy or completeness thereof is not guaranteed.

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