

Zerust® ICT® Profile Board

DURABLE, REUSABLE PROTECTION AGAINST CORROSION

PRODUCT INFORMATION

FEATURES

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

BENEFITS

- Does not interfere with the properties or functionality of the items being protected
- Reduces corrosion incidences
- Customizable, durable, and reusable
- Improve shipment yield rates

Zerust® Profile Board is a weather resistant, durable, and reusable profile plastic combined with Zerust® vapor corrosion inhibiting additives, to give superior corrosion protection. These properties make Zerust® Profile Board an ideal choice for product separation applications such as row and parts dividers, as well as liners for containers, and reusable packaging applications. Use Zerust® Profile Board in place of traditional corrugated sheeting or plywood to provide strength as well as corrosion inhibiting capability.

Zerust® Profile Board contains proprietary chemical formulations that release Zerust® chemical passivation technology that are invisible, odorless, and non-toxic. The Zerust® vapor molecules will settle on exposed metal surfaces in an enclosure and protect them from rust and corrosion for up to 5 years.

APPLICATION EXAMPLES

Zerust® Profile Board is used in the shipping of crankshoos or other heavy machined parts. It is ideal as a reusable separator or divider for parts.



Layer Zerust® Profile Board in between metal parts or objects, or simply set metal parts on top of a Zerust® Profile Board. Next, place metal objects (with the Zerust® Profile Board) inside of an enclosure (such as a Zerust® Bag, or wrap with Zerust® Stretch Film) to restrict airflow.



Zerust® Profile Board passes the test for the corrosion inhibiting ability of VCI (Volatile Corrosion Inhibitor) vapors as specified in Federal Test Method Standard 101B, Method 4031, including the exhaustion test procedure.



APPLICATION TYPE

CORROSION PROTECTION FOR:



ORDERING INFORMATION

CONFIGURATIONS

High Density Polyethylene
Polypropylene copolymer

SIZE RANGE (WIDTH)

Zerust® Profile Board can be made to custom sizes (at a minimum order quantity).

THICKNESS

2 MM - 5 MM

COLOR

Yellow plastic

STABILITY

This Product is stable under normal storage and packing conditions. Avoid contact with flames, strong acids, oxidizers and reducing agents that can react with the internally contained chemical system. UV additive can be incorporated, if necessary.

CORROSION PROTECTION LIFE

Will provide rust protection for clean ferrous metals for up to five (5) years if prepared, packed and stored in a dry shelter away from direct sunlight and rain.

SHELF LIFE

Estimated shelf life of 2 years if stored in the original packaging at 85° F or less. Subsequent in-service life is to 5 years 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.

A REUSABLE CORROSION PROTECTION SYSTEM

Availability

	(Double face) Corrugated	(Single face) Corrugated
Material With Corrugation Across Corrugation Thickness Flute Size Weight	High Density Polyethylene to 60" Unlimited 0.154" - 0.208" Type "C" 130 - 550 lb/MSF	High Density Polyethylene Unlimited to 60" 0.146" - 0.192" Type "C" 90 - 300 lb/MSF
	Profile	
Material Across Flute Length Thickness	High Density Polyethylene Polypropylene copolymer to 78" (trimmed) to 16' subject to density and thickness constraints 2 mm - 5 mm	

Important information

Metal objects will be protected for up to 5 years as long as they remain inside of an enclosure with the Zerust® Profile Board (such as a Zerust® Bag, Zerust® Cardboard box, or other enclosure).

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® Profile Board to ensure maximum corrosion protection throughout. Zerust® products to use in addition to Profile Board (where applicable): Zerust® Vapor Capsules, Zerust® Cardboard, Zerust® Plastabs, Zerust® Bags or Zerust® 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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