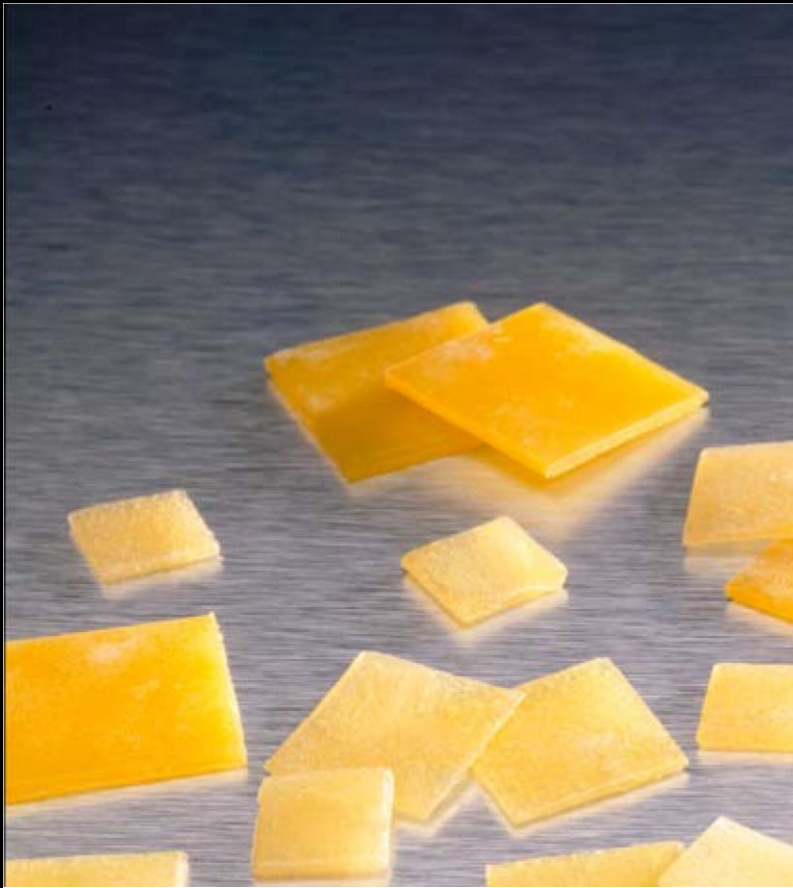


Zerust®

Plastabs®

Corrosion Protection Squares



Flexible Corrosion Protection For Restricted Places

Zerust® Plastabs® work by releasing an invisible, odorless, non-toxic rust and corrosion inhibiting vapor into the air within the enclosure. The Zerust® ICT™ vapor molecules will then settle on exposed metal surfaces, forming a corrosion inhibiting shield to protect the metal from rust and corrosion for up to 2 years.

Zerust® products have no chemical coatings that may flake off, stick to, or otherwise damage the product and metal surfaces to be protected.

Zerust® products are safe to use with any parts and equipment. They do not affect the mechanical or electrical properties or functionality of the components they are protecting.

All Zerust® corrosion inhibiting products are environmentally friendly, non-toxic, odorless and non-allergenic.

Zerust® products have been cleared by various military, government and industrial reviews and certifications,

Zerust® Plastabs®

Zerust® Plastabs® are thin rigid polyethylene squares that are made with patented Zerust® Integrated Corrosion Technologies™ (ICT™)—a unique mix of material science and chemical formulations—to provide superior corrosion protection to hard to reach areas.

Applications for **Zerust® Plastabs®** include the protection of screws, drill bits, electronic components and other small parts with critical metal surfaces. Zerust® Plastabs® are ideal for parts that are packaged in bulk or placed in small spaces inside electrical or electronic enclosures.

including clearance by the US Food & Drug Administration for protecting food processing equipment and metal food can material.

©2005 Northern Technologies International Corporation (NTIC). All Rights Reserved. NTIC is the owner of the following trademarks: NTI®, NIC®, ZERUST®, The ZERUST People®, MATCH TECH®, CorTab®, Plastabs®, ICT™, Z-CIS™ and the Color "Yellow". EXCOR®, VALENO®, ABRIGO® and UNICO® are registered trademarks of EXCOR GmbH, a Joint Venture Partner of NTIC. NTIC is certified to ISO 9001: 2000, ISO 14001: 1996, U.S. Federal Test Method Standard 101C Method 4031, German Military TL-8135-0002 Edition 9. FDA cleared. Member of NACE, AFCEA, and IOPP. NTIC has on-site technical support in over 40 countries. NTIC is a publicly traded company—ticker symbol NTL.

Flexible Corrosion Protection

For Restricted Places

Sizes and Availability

Plastabs Size	Volume of Protection	Protection	Package	Weight per Package	Adhesive Backing
0.5" x 0.5"	0.1 cu ft (0.003 cu m)	2 years	1000	0.9 oz	No
0.75" x 0.75"	0.2 cu ft (0.006 cu m)	2 years	1000	1.4 oz	Yes
1" x 1"	0.4 cu ft (0.01 cu m)	2 years	1000	2.9 oz	No

How to use Zerust® Plastabs®

Place, sprinkle or insert **Zerust® Plastabs®** into a bag or small enclosure with the metal components to be protected. For easy mounting, choose Plastabs® with an adhesive backing from the list above. Simply remove the plastic peel-strip to reveal the adhesive, and affix where desired. Use Zerust® Plastabs® in conjunction with other Zerust® products, such as Zerust® packaging films and bags, for comprehensive corrosion protection.

Physical Data

Specific Gravity	0.92
Shelf Life and Effectiveness	Estimated shelf life of 2 years in moderate temperatures and sealed in original packaging. Subsequent in-service life is up to 2 years of corrosion protection under proper packaging, storage and handling conditions.
Stability	This product is stable under normal storage and shipping conditions. Avoid contact with flames, strong reducing agents, acids and strong oxidizers, or solvents that dissolve polyethylene film.

Important information

Zerust® Plastabs® are effective only in enclosed spaces where air-flow is limited, such as a closed box or bag.

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

- Corrosion protection is maximized when parts are clean and dry prior to packaging with Zerust® products.
- Wear gloves to avoid leaving acidic, corrosion causing fingerprints on metal surfaces.

Plastabs®

- When packing metal parts, the ambient temperature and the part temperature should be approximately the same to prevent condensation from forming inside the enclosure.
- Make sure the enclosure is tightly sealed or closed to restrict airflow.
- Zerust® Plastabs® may be used to augment other Zerust® products in a total package design, such as:
Zerust® Vapor capsules, Zerust® Bags & Sheeting and Zerust® Stretch Film.
- Avoid the contact of metal parts with non-Zerust® treated materials such as wood, paper or cardboard. These materials contain corrosion causing acids.

We guarantee this product conforms to production specifications and was made in accordance with documented ISO 9001 Quality Procedures. We expressly disclaim responsibility for its use. We make NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, as to the effects of use (including, but not limited to, damage or injury) or the results to be obtained, whether or not used in accordance with the directions. Buyer / user agrees that, if product proves to be defective, Seller's obligation shall be to replace or refund the purchase price of such product at Buyer's option. Seller shall not be liable in tort or contract for any loss or damage, incidental or consequential.

4-4.3-12-2-39 Rev F

Northern Technologies International Corporation www.zerust.com

6680 North Highway 49, Lino Lakes, MN 55014, USA

Toll Free: 1 (800) 328-2433, Phone: 1 (651) 784-1250, Fax: 1 (651) 784-2902, sales@zerust.com