

# Zerust® Outdoor Preservation Film

**TECHNOLOGY THAT PROTECTS METAL FROM CORROSION**

## FEATURES

- High strength & performance
- Outdoor 3-year protection
- Proven corrosion protection
- Excellent shrink properties

## BENEFITS

- Reduce corrosion incidents
- Improve operational readiness
- Save money & resources
- Comes with Zerust global onsite support

Improve operational readiness by protecting valuable metal assets from corrosion in harsh conditions with Zerust Outdoor Preservation Film.



EXPORT SHIPMENT



LONG-TERM STORAGE



INVENTORY STORAGE

**APPLICATION TYPE**

## PRODUCT INFORMATION

Zerust® Outdoor Preservation VCI Shrink Film provides advanced protection to metals with Zerust VCI (vapor corrosion inhibitor) technology. This is a premium high-strength 8-mil, high-performance shrink film with UV stabilizers for 3-year outdoor protection. The film shrinks and conforms to objects when heated to repel moisture and contaminants. Zerust VCI saturates the interior of the packaging to protect hard-to-reach spaces and voids from corrosion.

### Long-Term “Mothballing” Storage and Outdoor Preservation

This specially designed VCI shrink film is ideal for lay-up and mothballing of equipment, vehicles and outdoor storage of components. Multiple sheets can be shrank together for any size application such as structures and machinery. Zerust Outdoor Preservation Film protects valuable metal assets and makes them ready to use whenever and wherever they are needed.

## APPLICATION EXAMPLES

VALUABLE ASSETS ARE PROTECTED FROM CORROSION STORED OUTDOORS. ZERUST FILM ENABLES ITEMS TO BE OPERATIONALLY READY AND STORED NEAR THE PROJECT SITE.



SPARE MACHINERY IN MOTHBALL STORAGE. ITEMS ARE READY FOR IMMEDIATE USE.



## CORROSION PROTECTION FOR:



# ORDERING INFORMATION

## ■ AVAILABILITY

Zerust ICT®510-SRK Outdoor Film Thickness: 8-mil (203 µm) sheeting Size: 20' (6 m) W x 100' (30.5 m) L, Custom sizes and thicknesses available upon request. Minimum order quantities apply.

## ■ COLOR

Color is opaque light-gray based on the corrosion protection formulation and the UV stabilizers. Custom colors available upon request.

## ■ PROTECTION TYPE

Available in ferrous, non-ferrous and multimetal corrosion protection capabilities.

## ■ PROTECTION LIFE

Will protect metals for up to 3 years outdoors when properly packed and stored.

## ■ SHELF LIFE

Shelf life of 2 years when stored at 85° F/ 30° C or less, out of direct sunlight and in original packaging.

## QUESTIONS?

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

**ZERUST® EXCOR®**

Exclusive Western Australian Distributor



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

## ZERUST HIGH-STRENGTH VCI SHRINK FILM COMPARISON

| Property  | Direction | Zerust High-Strength Shrink Film*                                  | Competitive Shrink Film   | ASTM Test Method |
|---|-----------|--|---|------------------|
| Film Thickness                                      | -         | 8.0 mil (203 µm)   | 10.5 mil (267 µm)   | D-6988           |
| Dart Impact Resistance                              | -         | 900 g  | 715 g   | D-1709           |
| Tear Strength                                       | MD        | 15250 mN   | 18850 mN  | D-1938           |
|   | TD        | 17280 mN   | 21800 mN  |                  |
| Tensile Strength at Yield                           | MD        | 1552psi (10.7 Mpa)   | 1523 psi (10.0 Mpa)   | D-882            |
|   | TD        | 1537 psi (10.6 Mpa)  | 1523 psi (10.0 MPa)   |                  |
| Tensile Strength at Break                           | MD        | 3466 psi (23.9 MPa)  | 2756 psi (19.0 MPa)   | D-882            |
|   | TD        | 3263 psi (22.5 MPa)  | 2900 psi (20.0 MPa)   |                  |
| Elongation at Break                                 | MD        | 930%   | 816%  | D-882            |
|   | TD        | 895%   | 873%  |                  |
| Breaking Factor                                     | MD        | 26 lb/in   | 29 lb/in  | D-882            |
|   | TD        | 24 lb/in   | 30 lb/in  |                  |
| Water Vapor Transmission Rate 100°F(37.8°C), 100%RH | -         | 0.108 g/(100 in <sup>2</sup> /day)<br>1.64 g/(m <sup>2</sup> /day) | 0.0924 g/(100 in <sup>2</sup> /day)<br>1.43 g/(m <sup>2</sup> /day) | F-1249           |

\* Typical values, not meant to be a specification.

### Proven Solutions from the "Original" Poly VCI Company

For over 35 years Zerust has delivered safe and effective corrosion solutions across the globe. Zerust has onsite representation in 60 plus countries to provide seamless support wherever you need it. Have a challenging corrosion prevention need such as long-term storage in corrosive environments or outdoors? Contact Zerust for a comprehensive corrosion management solution to meet your needs.



## COMPLEMENTARY PRODUCTS AVAILABLE

### 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.

### ICT® 800 Series: Diffusers

Self-contained, portable products that diffuse Zerust® ICT® chemicals to protect metals within enclosures, such as tool boxes, electrical boxes, etc.

#### Warranty and Disclaimer Information:

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