

# 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](mailto:sales@zerust.com)

**ZERUST® EXCOR®**

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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 in²/day) 1.64 g/(m²/day)	0.0924 g/(100 in²/day) 1.43 g/(m²/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:

We guarantee our products conform to documented quality specifications. Product information subject to change without notice. We make no warranty of any kind expressed or implied. All statements, technical information and recommendations contained herein are based on testing and experiences NTIC believes to be reliable, but the accuracy or completeness thereof is not guaranteed. See [www.zerust.com/warranty](http://www.zerust.com/warranty).

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