

## ▶ Zerust<sup>®</sup> ICT<sup>®</sup> 510-SRK Shrink Film

Use Zerust<sup>®</sup>/Excor<sup>®</sup> ICT<sup>®</sup> 510-SRK Shrink Film for long-term indoor storage and mothballing of parts and equipment. Zerust indoor preservation film provides superior corrosion protection for years even in extreme conditions.

Zerust/Excor ICT 510-SRK Shrink is a polyethylene shrink film that provides advanced protection to metals with Zerust Vapor Corrosion Inhibitor (VCI) technology. It is a premium 4-mil, high-strength shrink film that shrinks and conforms tightly around 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.

Zerust/Excor ICT 510-SRK Shrink Film provides superior corrosion protection to parts and components within the automotive, electrical, machinery, mechanical and military industries. Zerust/Excor ICT 510-SRK Film is available in ferrous, non-ferrous and multimetal corrosion protection formulations. Check with your Zerust/Excor representative for a corrosion management solution most effective for your metal assets.

### Application Example

Valuable assets are protected from corrosion when stored indoors. Zerust/Excor ICT 510-SRK Film allows parts to be ready to use whenever and wherever they are needed.



### ▶ Benefits

- Improve shipment yield rates
- Reduce corrosion incidents
- Excellent shrink properties
- Easy to use
- Recyclable

### Application Type

- Storage
- Shipping
- Works with Zerust VCI diffusers

## Specifications



**Product Information** Zerust®/Excor® ICT 510-SRK Film is a heat responsive durable film that shrinks and forms a durable package.

**Appearance** Yellow and green are standard colors based on the corrosion protection formulation. Additional colors available upon request.

**Protected Metal Types** Available in ferrous, non-ferrous and multimetal corrosion protection formulations.

**Protection Duration** Will protect metals for years if properly packed and stored indoors. Not intended for outdoor use.

**Storage** Store in original packaging away from direct sunlight in conditions below 85°F (30°C) and 50% RH for up to 3 years from the date of shipment.

Property	Direction (Machine or Transverse)	Zerust® ICT@510-SRK Shrink Film*	ASTM Test Method
Film Thickness	-	101.6 µm (4 mil)	D-6988
Dart Impact Resistance	-	400 g	D-1709
Tear Strength	MD	370 g	D-1938
	TD	476 g	
Tensile Strength at Yield	MD	3046 psi (21.0 MPa)	D-882
	TD	3408 psi (23.5 MPa)	
Tensile Strength at Break	MD	1436 psi (9.9 MPa)	D-882
	TD	1407 psi (9.7 MPa)	
Elongation at Break	MD	610%	D-882
	TD	685%	
Water Vapor Transmission Rate @78°F (26°C), 90% RH	-	0.06 g/(100 in <sup>2</sup> /day)	F-1249
Vapor Inhibiting Ability (VIA)	-	Pass	NACE TM0208

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

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 as to the effects of use (including, but not limited to, damage or injury). For full warranty and disclaimer information visit, [www.zerust.com/warranty](http://www.zerust.com/warranty).

©2013-2019 Northern Technologies International Corporation (NTIC). All Rights Reserved. NTIC is the owner of the following trademarks: ActivPak®, Cor Tab®, EXCOR®, Flange Saver®, ICT®, NTI®, Plastab®, Z-CIS®, Zerion®, ZERUST®, 洁乐特 and the Color "Yellow". ABRIGO®, UNICO®, and VALENO® are registered trademarks of EXCOR GmbH, a Joint Venture Partner of NTIC.

## Contact Us



A product of:  
Northern Technologies  
International Corp  
4201 Woodland Road,  
Circle Pines, MN 55014  
USA

## Availability

Zerust®/Excor® ICT 510-SRK Film are available as sheeting, with custom sizes and additives such as UV, and Anti Static. Contact a Zerust account manager for pricing and availability.

### Stock Offerings:

PN 100-F-00010  
4 mil 20' x 100' Ferrous Yellow

PN 100-F-00004  
4 mil 48" x 500' Ferrous Yellow

PN 100-F-00084  
6 mil 20' x 100' Ferrous Yellow

PN 100-M-00007  
4 mil 20' x 100' Multimetal Green

## Recyclable

Dispose of in accordance with local, national and international regulations. Check on options for recycling and incineration.

## Safety

- Safe for people. This product does not pose a health hazard to users due to its classification as an article according to EU REACH, UN GHS, US OSHA HazCom and CA WHMIS regulations.
- Zerust VCI chemistry is safe for sensitive electronics. No galvanic effects, residues or changes in the properties of metals. The protective molecules dissipate upon opening of package.

Phone. +1 763.225.6600  
Fax. +1 763.225.6645  
[sales@zerust.com](mailto:sales@zerust.com)  
[www.zerust.com](http://www.zerust.com)

