

# ZERUST® ICT®510-SRK Shrink Film

Use ZERUST®/EXCOR® ICT®510-SRK Shrink Film for long-term indoor storage and mothballing of parts and equipment. ZERUST® indoor preservation film provides superior corrosion 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. In addition, 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

## Product Information



<b>Description</b>	ZERUST®/EXCOR® ICT®510-SRK Film is a heat-responsive, durable film that shrinks and forms a durable package.
<b>Appearance</b>	Yellow and green are standard colors based on the corrosion protection formulation. Additional colors are available upon request.
<b>Protected Metal Types</b>	Available in ferrous, non-ferrous, and multimetal corrosion protection formulations.
<b>Protection Duration</b>	Protects metals for years if properly packed and stored indoors. Not intended for outdoor use.
<b>Storage</b>	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.

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## Availability

ZERUST®/EXCOR® ICT®510-SRK Film is available as sheeting, with custom sizes and additives such as UV and anti-static. Contact a ZERUST® account manager for pricing and availability.

Part Number	Protection	Quantity
100-F-00010	Ferrous Yellow	4 mil 20' x 100'
100-F-00004	Ferrous Yellow	4 mil 48" x 500'
100-F-00084	Ferrous Yellow	6 mil 20' x 100'
100-M-00007	Multimetal Green	4 mil 20' x 100'

## 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 the package.

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