

Zerust® ICT®510-SM Stretch VCI Film

Zerust®/Excor® Stretch Film contains proven Zerust Vapor Corrosion Inhibitors (VCI). Use the film to wrap and protect metal items from corrosion and damage in storage and shipping. It is ideal for machine-stretch applications on large, irregularly shaped or bundled items.

Zerust VCI Stretch Film is a high-quality cast packaging film that protect ferrous metals from corrosion. The film's high-stretch tension enables it to form to irregularly shaped objects. Its superior elastic stretch memory assures tear resistance and load stability in transit. The film maintains a tight wrap even after some abrasion and small cuts. Use Zerust VCI Stretch Film to wrap pallet loads, bundles, large items, or irregularly shaped metal items. Smaller rolls are also available for hand-stretch applications.

Zerust VCI packaging film diffuses proprietary Zerust VCIs (Vapor Corrosion Inhibitors) to protect metals for years. Use to wrap and protect metal components and assemblies, machined and cast parts, and more from rust and corrosion. For additional protection and use in challenging environments, packaging can be used with Zerust corrosion inhibitor liquid RPs and VCI diffuser products.

Application Example

Zerust ICT510-SM VCI Film is used to protect a pallet of metal parts from corrosion and shifting during transit.



Benefits

Effective corrosion protection and packaging combined in one step

Metals are ready for use and assembly directly out of the packaging

Available in different sizes and metal protection types

Provides safe* and effective Zerust VCI protection

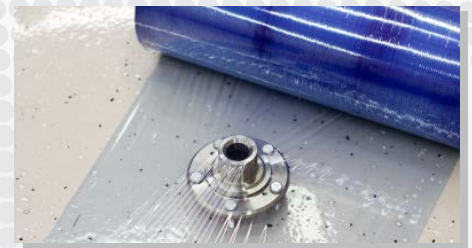
Made from recyclable materials

Application Type

Storage
Shipping
Work in progress

*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 WHIMS regulations.

Specifications



Product Information Zerust®/Excor® ICT®510-SM Stretch VCI Film is a cast, machine grade polyethylene product impregnated with volatile corrosion inhibitors on a 3 inch core.

Appearance Typical colors are yellow or blue. Additional colors available upon request. Subject to order minimums.

Protected Metal Types Ferrous and multimetal protection formulations available. Other protection types available upon request.

Protection Life Protects clean metals for years when used correctly and utilized within three years from receipt.

Storage Store in original packaging away from direct sunlight in conditions below 85°F (30°C) and 50% RH until ready for use.

Property	Direction (Machine or Transverse)	Zerust ICT510-SM Stretch Film*	ASTM Test Method
Film Thickness	-	125 gauge (1.25 mil)	D-6988
Cling Type	-	Differential, Cling + VCI side in	-
Pre-stretch Percent	-	Up to 250%	-
Elmendorf Tear	MD	330 g-force	D-1922
	TD	900 g-force	
Dart Impact Resistance	-	150 gm	D-1709
Tensile at Yield	MD	9.65 MPa	D-882
	TD	8.96 MPa	
Ultimate Tensile	MD	47.57 MPa	D-882
	TD	39.99 MPa	
Elongation at Break	MD	700%	D-882
	TD	950%	
Vapor Inhibiting Ability (VIA)	-	Pass	NACE TM0208-2013

Availability

Zerust ICT510-SM Stretch Film is available in various stock and custom options. Contact a representative for pricing and availability.

Stock Part Numbers:

250-F-00002 Ferrous
20" x 4000' x 125 ga. rolls
250-F-00006 Ferrous
4" x 667' x 125 ga. hand rolls
250-M-00003 Multimetal
20" x 4000' x 100 ga. rolls

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 WHIMS 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.

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