

## ▶ Zerust® Stretch VCI Film

Zerust®/Excor® Stretch Film contains proven Zerust Vapor Corrosion Inhibitors (VCI). It works double-duty 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 film packaging product 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 load stability in transit and tear resistance. It maintains a tight wrap even with some abrasion and random cuts. Use Zerust VCI Stretch Film to wrap pallet loads, bundles, large items, or irregularly shaped metal items such as gears or entire machines. 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 Zerust VCI Film to 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. Check with your Zerust/Excor representative for a corrosion management solution most effective for your metal assets.

### Application Example

Zerust 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

Provides safe\* and effective Zerust VCI protection.

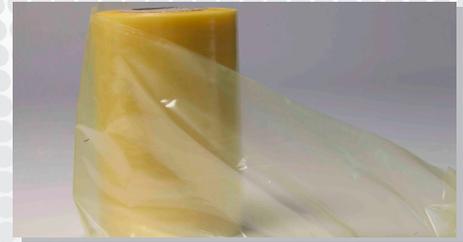
Made from recyclable materials.

### 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® Stretch VCI Film is a cast, machine grade polyethylene product impregnated with ferrous metal vapor corrosion inhibitors.

**Appearance** Typical color is yellow. Additional colors available upon request. Subject to order minimums.

**Protected Metal Types** Ferrous metals such as steel and cast iron and its alloys. 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 Stretch Film*	ASTM Test Method
Film Thickness	-	35 µm	D-6988
Tensile Strength at Yield	MD	212 kg/sq.cm (20.8 MPa)	D-882
	TD	218 kg/sq.cm (21.3 MPa)	
Tensile Strength at Break	MD	209 kg/sq.cm (20.5 MPa)	D-882
	TD	209 kg/sq.cm (20.5 MPa)	
Elongation at Break	MD	679%	D-882
	TD	982%	
Vapor Inhibiting Ability (VIA)	-	Pass	NACE TM0208-2013

\* 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).

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## Availability

Zerust Film is available in many stock and custom options. Contact Harita-NTI account manager for pricing and availability.

## 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.

## Contact Us



A product of:  
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