

Zerust® ICT®510-CLHD VCI Film

Zerust®/Excor® ICT®510-CLHD VCI Film is a high-density packaging film, making it lightweight yet strong. Use Zerust high-density film for interleaving purposes, to laminate other materials or as a replacement for VCI kraft paper during shipment, storage or work in progress.

Zerust VCI packaging film diffuses proprietary Zerust VCIs (Vapor Corrosion Inhibitors) to protect metals for years. Use Zerust ICT510-CLHD VCI Film to protect metal components and assemblies, machined and cast parts, and more from rust and corrosion. Zerust high-density packaging film is superior to corrosion inhibiting paper due to its increased durability and resistance to moisture damage. Use to pack and protect metals in storage and overseas shipping.

Zerust is the inventor of poly VCI technology and Zerust VCI film has proven its performance and safety* with thousands of customers worldwide for over 35 years. It is used to protect valuable metal items for manufacturers in industries such as automotive, agricultural, aerospace and mining. Check with your Zerust/Excor representative for a comprehensive corrosion management solution most effective for your metal assets.

Application Example

Zerust ICT510-CLHD VCI Film sheeting is used to protect a CKD of auto parts that are being packaged for overseas shipping.



Benefits

Effective corrosion protection and packaging combined in one step

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

Lightweight and strong

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.



Zerust ICT510-CLHD High-strength VCI Film

Product Specs

Product Information	Zerust® ICT®510-CLHD VCI Film is a high-density polyethylene product impregnated with vapor corrosion inhibitors.
Appearance	Typical colors are yellow, green and clear. Additional colors available upon request. Subject to order minimums.
Protected Metal Types	Available in ferrous, non-ferrous and multimetal protection types.
Protection Duration	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-CLHD Film*	ASTM Test Method
Film Thickness	-	1mil (25 µm)	D-6988
Dart Impact Resistance	-	63.5 g	D-1709
Tensile Strength at Yield	MD	2088 psi (14.4 MPa)	D-882
	TD	1885 psi (13 MPa)	
Tensile Strength at Break	MD	3872 psi (26.7 MPa)	D-882
	TD	2770 psi (19.1 MPa)	
Elongation at Break	MD	570%	D-882
	TD	660%	
Vapor Inhibiting Ability (VIA)	-	Pass	NACE TM0208-2013

* Typical values, not meant to be a specification.

Availability

Zerust ICT510-CLHD Film in various stock and non-stock options.

Size Range (width):

Bags & Tubing:
2" - 125" (flat)
2" - 150" (gusset)
Sheeting: 2" - 26'

Example Part Numbers:

100-F-00009
48" x 2000'x 1.5 mil sheeting
150-M-00001
36" x 36" x 1.5 mil sheets

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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