



▶ Zerust ICT®510-C Multimetal VCI Film

Zerust®/Excor® ICT®510-C VCI Multimetal Film provides cost-effective and versatile protection against corrosion damage for ferrous and non-ferrous metals in shipping and storage. It is available in various sized rolls, sheets, tubing and bags.

Zerust VCI packaging film diffuses proprietary Zerust VCIs (Vapor Corrosion Inhibitors) to protect metals for years. Use Zerust ICT510-C VCI Multimetal Film to protect metal components and assemblies and more with multiple metal types 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 comprehensive corrosion management solution most effective for your metal assets.

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 40 years. It is used to protect valuable metal items for manufacturers in industries such as automotive, agricultural, aerospace and mining. Zerust/Excor offers onsite support and service in more than 70 countries via a network of 29 joint venture partnerships.

Application Example

Zerust VCI Multimetal Film Bag protect metals in shipping and storage from corrosion.



▶ Benefits

Effective corrosion protection and packaging combined in one step

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

Multiple metal type protection

Available with ESD protection

Provides safe* and effective Zerust VCI protection.

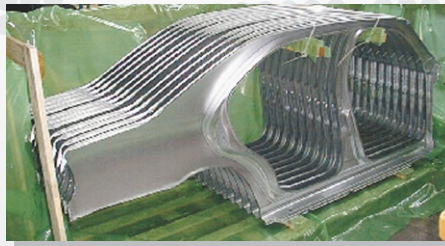
Recyclable

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 WHMIS regulations.

Specifications



Product Information Zerust®/Excor® ICT®510-C Multimetal Film is a polyethylene product impregnated with vapor corrosion inhibitors.

Protected Metal Types Best for items containing a combination of ferrous (steel, iron and alloys) and non-ferrous (aluminum, copper, brass, bronze, and galvanized).

Protection Life Protects clean metals for years when used correctly and utilized within three years from receipt. 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 ICT510-C Film* | ASTM Test Method |
|--|-----------------------------------|-----------------------------------|------------------|
| Film Thickness | - | 4mil (102 µm) | D-6988 |
| Dart Impact Resistance | - | 300 g | D-1709 |
| Tear Strength | MD | 0.60 lb-f (2.7 N) | D-1938 |
| | TD | 0.65 lb-f (2.9 N) | |
| Tensile Strength at Yield | MD | 1905 psi (13.1 MPa) | D-882 |
| | TD | 1538 psi (10.6 MPa) | |
| Tensile Strength at Break | MD | 3045 psi (21.0 MPa) | D-882 |
| | TD | 2917 psi (20.1 MPa) | |
| Elongation at Break | MD | 560% | D-882 |
| | TD | 610% | |
| Breaking Factor | MD | 11.0 lb-f/in (1926 N/m) | D-882 |
| | TD | 11.5 lb-f/in (2014 N/m) | |
| Water Vapor Transmission Rate @78°F (26°C), 90% RH | - | 0.06 g/(100 in ² /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.

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Contact Us



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Availability

Zerust ICT510-C Film is available in many stock and custom option additive options such as UV and Anti Static. Contact a Zerust account manager for pricing and availability.

Size Range (width):

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

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.

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