

ZERUST® ICT® 510-MSF VCI Masking Film

ZERUST®/EXCOR® ICT®510-MSF VCI Masking Film is a pressure-sensitive adhesive film that protects from scratches, dust, and corrosion. In addition, the film removes cleanly and does not leave a residue.

Use ZERUST®/EXCOR® ICT®510-MSF VCI Masking Film to protect polished ferrous metal surfaces and parts with voids. This pressure-sensitive adhesive film contains VCI (Volatile Corrosion Inhibitor) chemistry and may be applied directly on metal surfaces to keep them free of corrosion, scratches, and dust. Use the film to protect molds and parts with void spaces while they move among different production stages and storage and shipping. The film clings to vertical surfaces and stays securely in place until it is removed.

On removal, ZERUST® ICT®510-MSF is designed to leave the metal surface free of adhesive residue when used indoors and away from direct sunlight and/or heat sources. When used outdoors, an optional UV inhibitor can be added to prevent the degradation of the masking film. However, some adhesive residue may be left on the metal surface due to high-temperature exposure outdoors. Adhesive residues can be removed by solvent wipe down.

Application Example

ZERUST® 510-MSF VCI Masking Film seals out dust and protects from scratches. In addition, it protects against corrosion using proven ZERUST® Volatile Corrosion Inhibitor technology.



Benefits

Effective protection from corrosion and environmental contaminants such as dust and dirt

Easy to apply and remove

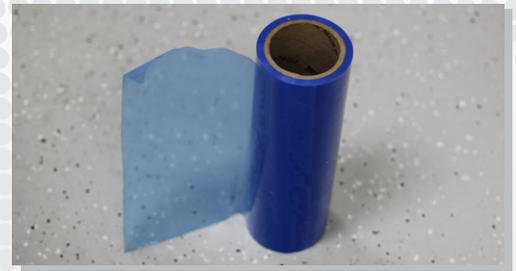
Does not leave a residue

Provides safe* and effective ZERUST® VCI protection

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.



Product Information

Description	ZERUST®/EXCOR® ICT®510-MSF is a pressure-sensitive adhesive film that may be applied directly on metal surfaces.
Appearance	Typical color is blue. Additional colors are available upon request. Subject to order minimums.
Protected Metal Types	Protects ferrous metals such as steel, cast iron, and its alloys.
Protection Duration	Protects clean metals for up to 6 months.
Application Temperature	Recommended application temperature range of 55° to 90°F (13° to 32°C).
Storage	Store in original packaging away from direct sunlight in conditions below 85°F (30°C) and 50% RH for up to 2 years from the date of shipment.

DECLARATION

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Availability

ZERUST®/EXCOR® ICT®510-MSF VCI Masking Film is available in stock, as well as custom additive options such as UV and anti-static. Contact a ZERUST® account manager for pricing and availability.

Part Number	Quantity
100-F-00085	10" x 500' x 3 mil - 2 Rolls/Box

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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