

ICT®520-SRA VCI Scrim Film

Technical Data Sheet

ZERUST®/EXCOR® ICT®520-SRA VCI Scrim Film is a durable polyethylene fabric that contains woven strands for strength and tear resistance, providing cost-effective and versatile protection against corrosion damage for metals in shipping, storage, and work-in-progress. Reinforced with woven strands, the Scrim Film offers exceptional strength and tear resistance, making it ideal for demanding interleaving applications where durability is critical. ICT®520-SRA Scrim diffuses invisible, odorless, and non-toxic ZERUST® Vapor Corrosion Inhibitors (VCI) that settle onto exposed metal surfaces inside the packaging or enclosure. Upon removal from the packaging, the VCI will dissipate from the metal surface, allowing immediate painting, welding, or further processing.

Use ZERUST® VCI Scrim as interleave when stacking parts, transporting multiple parts together, or as a liner in shelving units. It's also ideal for wrapping large, heavy objects such as steel coils, lathes, and molds, ensuring long-term corrosion protection for years‡. For additional protection in challenging environments, ZERUST® VCI Scrim may be used with ZERUST® rust inhibitors, preventatives, coatings, or VCI diffuser products. Engineered for a broad range of applications, ICT®520-SRA VCI Scrim Film is available in a ferrous protection formulation with custom options, ensuring an ideal packaging solution. Whether in storage or transit, ZERUST® ICT®520-SRA VCI Scrim Film delivers unparalleled performance.

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 50 years. It is used to protect valuable metal items for manufacturers in industries such as automotive, agricultural, aerospace, and mining. ZERUST®/EXCOR® offers on-site support and service in more than 70 countries via a network of 21 joint venture partnerships. Check with your ZERUST®/EXCOR® representative for a comprehensive corrosion management solution that is most effective for your metal assets.

Typical Properties

Appearance Typical color is yellow. Additional colors are available upon request. Subject to order minimums.
Substrates Available in ferrous protection formulation. Other protection formulations are available upon request.

Property	ICT®520-SRA VCI Scrim Film*	ASTM Test Method
Film Thickness**	5 mil (127 µm)	-
Weight**	3.0 oz./sq. yrd.	D-1910
Tear Strength	33 lbs. Warp x 30 lbs.	D-751, Tongue
Tensile Strength	81 lbs. Warp x 74 lbs.	D-751, Grab
Vapor Inhibiting Ability (VIA)	Pass	NACE TM0208
Mullen Burst	143 PSI	D-751, Mullen

* Typical values for an 8 x 8 strands per square Inch weave material, not meant to be a specification. Mechanical properties will vary depending on the product weave chosen.
**+/- 10%

This data sheet provides general guidelines for operation, application, and removal. Please contact your ZERUST®/EXCOR® account representative for more specific recommendations on your particular operation and conditions.

Operating Summary

- Pack only clean and dry parts.
- Always wear clean and dry gloves when handling the metal parts to protect them from corrosion-causing fingerprints.
- When packing, the temperature of the metal parts should be about the same as the room temperature to avoid condensed moisture.
- Fully wrap the parts in ICT®520-SRA VCI Scrim Film by placing the smooth side of the scrim against the metal and tightly close the package with tape, heat seal, zip ties, or fold over.
- Insert additional ZERUST® materials (such as ICT®420-35 VCI Kraft Paper) as interleave for added protection in larger and tightly packed or layered packages.
- Avoid placing metal surfaces in direct contact with wood or cardboard (sources of moisture and acid).

Scan QR for more

product information and photos

Availability

ZERUST®/EXCOR® ICT®520-SRA VCI Scrim Film is a made-to-order product, subject to minimum order quantities. Contact your ZERUST®/EXCOR® representative for ordering information.

Part Number	Metal Type	Quantity
600-F-00004	Ferrous	48" x 200 Yard Roll

Protection Info‡

Indoor‡ Protects clean metals for years‡ when used correctly.
Outdoor‡ Not recommended

Storage

- Store in a cool, dry place and away from sunlight in the original packaging for up to 3 years from the date of shipment.

Disposal

- Check on options for recycling and incineration.
- Dispose of in accordance with local, national, and international regulations.

Precautions

- Do not use for outdoor protection.
- 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, CLP, and CA WHMIS regulations.
- Refer to the Safety Data Sheet (SDS) for safety information.

‡ DECLARATION
Corrosion protection claims are based on Northern Technologies International Corporation (NTIC) internal laboratory testing performed under controlled parameters on contaminate-free substrates. Real-world application corrosion protection duration on different substrates will vary and depends on factors such as, but not limited to, the application or use, environmental / storage conditions, surface cleanliness, type of substrates, and coating thickness (where applicable). The use of the term "Up to" in reference to time is defined as any time duration from zero up to a specified time frame, but in no event beyond the specified time frame. The use of the term "for years" is based on NTIC's experience with its products but is in no way guaranteed. The use of the term "Up to" in reference to volume is defined as any volume from zero up to a specified volume but in no event beyond the specified volume of protection. It is the customer's / user's obligation to evaluate product performance, corrosion protection duration, safety, and suitability for intended use within the scope advised in the data sheet and to comply with all applicable laws and regulations. **LIMITED WARRANTY/DISCLAIMER** Warranty is limited to the replacement of a product that fails to meet specifications. For full warranty and disclaimer information, visit www.zerust.com/warranty.

©2013-2025 Northern Technologies International Corporation (NTIC). All Rights Reserved. NTIC is the owner of the following trademarks: ActivPak®, Cor Tab®, EXCOR®, Flange Saver®, ICB®, ICT®, Natur-VCI®, NTI®, Plastabs®, Z-CIS®, Zerion®, ZERUST®, 洁乐特, Z-PAK® and the Color "Yellow". ABRIGO®, UNICO®, ICB®, and VALENO® are registered trademarks of EXCOR GmbH, a Joint Venture Partner of NTIC.

A product of:
Northern Technologies International Corp
4201 Woodland Road
Circle Pines, MN 55014
USA

Phone. +1 763.225.6600
Fax. +1 763.225.6645
sales@zerust.com
www.zerust.com