



OPS Preservation Tape

Technical Data Sheet

ZERUST®/EXCOR® OPS Preservation Tape is designed to be used with ZERUST® ICT®510-OPS Outdoor Preservation VCI Shrink Film to seal and reinforce seams. It provides superior corrosion and UVI protection for up to 2 years+ outdoors when used with ZERUST® ICT®510-OPS Outdoor Preservation VCI Shrink Film. ZERUST® OPS Preservation Tape forms a bond with the film and exhibits good shear properties under moderate loads, a wide service temperature range, and excellent UV resistance.

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 opaque gray.
Protected metal types OPS Preservation Tape is a non-VCI product.

| Property | Gray Preservation Tape* Part #: 250-X-00007 | Gray Preservation Tape* Part #: 250-X-00008 | ASTM Test Method |
|---------------------|--|--|------------------|
| Product Width | 4" (102 mm) | 6" (144 mm) | - |
| Product Length | 108' (33 m) | 108' (33 m) | - |
| Total Thickness | 9 mil (228 µm) | 9 mil (228 µm) | - |
| Carrier | Polyethylene | Polyethylene | - |
| Adhesive | Synthetic rubber pressure-sensitive | Synthetic rubber pressure-sensitive | - |
| Adhesion to Steel | 85 oz/in (0.95 kg/cm) | 85 oz/in (0.95 kg/cm) | - |
| Adhesion to Backing | 35 oz/in (0.39 kg/cm) | 35 oz/in (0.39 kg/cm) | - |
| Tensile Strength | 22 lbs/in (3.93 kg/cm) | 22 lbs/in (3.93 kg/cm) | D-1000 |
| Elongation | 100% | 100% | D-1000 |
| Service Life | 2 years | 2 years | - |

* Typical values are not meant to be a specification.

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

- Typical operating temperature: 14 – 160°F (-10 – 71°C).
- Ensure that the equipment to be protected is dry, clean, and at ambient temperature.
- Be sure to have the proper equipment, tools, and heating devices for the job. See **How to Use ZERUST® ICT®510-OPS Outdoor Shrink Film document** for further information.
- After shrinking, patch thin spots or tears caused by edges with OPS Preservation Tape. When OPS Preservation Tape is applied to a hole or to reinforce over a sharp object, it will need to have a small amount of heat applied to help activate the adhesives in the tape. Applying Shrink tape to these areas is important for keeping contaminants out while keeping the ZERUST® VCI technology in.
- Inspect and ensure the area is clean and free of debris prior to applying tape for optimal adhesion.

Availability

ZERUST®/EXCOR® OPS Preservation Tape is available in stock. Contact your ZERUST®/EXCOR® representative for ordering information.

| Part Number | Quantity |
|-------------|-----------------------------------|
| 250-X-00007 | 4" x 108' x 9 mil (12 Rolls/Case) |
| 250-X-00008 | 6" x 108' x 9 mil (8 Rolls/Case) |



product information
and photos

Storage

- Store in a cool, dry place and away from sunlight in the original packaging.
- Optimal storage temperature is < 76°F (24°C) and 50% RH for up to 2 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

- Avoid placing metal surfaces in direct contact with wood or cardboard (sources of moisture and acid).
- 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.
- Wear personal protective equipment as stipulated in the Safety Data Sheet (SDS).
- Refer to SDS for more 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.

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