



ZIF TAPE

FLANGE & ASSET PROTECTION

CORROSION PROTECTION

Flanges, valves, and instruments are especially vulnerable to crevice corrosion, which can lead to seized bolts, leaks, and costly maintenance delays. ZERUST® Inhibitor Fusion Tape (ZIF Tape) helps protect these components by reducing moisture intrusion and environmental exposure for long-term corrosion protection.

Product Description

ZIF Tape is a premium product that combines ZERUST® proven Corrosion Inhibitor (CI) technology with the convenience of a self-fusing tape. Made from silicone elastomers with embedded CI, it provides long-term corrosion protection and can be applied without hot work permits.

ZIF Tape works on bare or coated steel, adapts to complex shapes, and does not interfere with existing cathodic protection systems. Removal is simple, slit and peel, with no residue left behind. It provides long-term corrosion protection for exposed and insulated assets operating in challenging environments.

Key Advantages

- Embedded with ZERUST® corrosion inhibitors for effective protection
- Wide temperature range: Operates from -49°F to 392°F (-45°C to 200°C)
- UV A and B resistant for prolonged outdoor use
- Durable, puncture-resistant material designed for industrial environments
- Translucent design enables visual inspections without removal
- Cold-applied with minimal surface preparation (SSPC-SP2)
- Long service life: 10+ years under normal conditions
- Self-fusing and cold-sealing for a secure, tool-free seal

Removes cleanly without chemicals or heat, preserving existing coatings and avoiding the mess of wax, grease, and other methods.

Typical Applications

Specific for Flange Protection

ZERUST® Inhibitor Fusion Tape (ZIF Tape) and ZERUST® ZIF Guard provide reliable corrosion protection for exposed flanges. ZIF Tape wraps securely around metal surfaces to block moisture and environmental exposure, while ZIF Guard reinforces terminating ends and abrasion-prone areas. Together, they combine VCI technology from ZERUST® ICT Tube Strip Pro with a durable barrier and contact corrosion inhibitors for long-lasting protection, even in harsh conditions.

Scan QR for more



product information

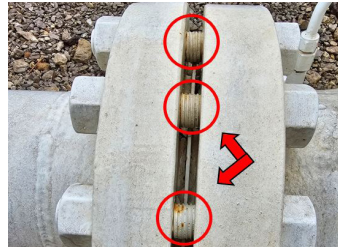
Application and Removal Guidelines

Application

- Step 1: Before applying the ZERUST® ICT® Tube Strip Pro and ZIF Tape, prepare the surface according to SSPC-SP2.
- Step 2: Wrap ZERUST® ICT® Tube Strip Pro, a flexible, solid-core plastic product infused with ZERUST® Vapor Corrosion Inhibitor (VCI) technology, in the gap space between the flange faces around the bolts.
- Step 3: Wrap the entire flange with ZERUST® Inhibitor Fusion Tape (ZIF Tape), applying tension. The bolts can also be covered if desired.
- Step 4 (Optional): Apply ZERUST® ZIF Guard, a non-inhibiting holding tape, to help secure the terminating end of the ZIF Tape during installation.



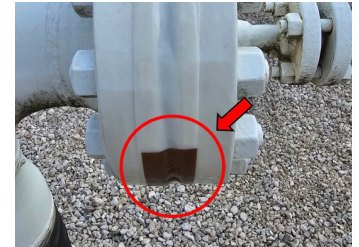
Step 1: Prepare the surface according to SSPC-SP2.



Step 2: Wrap ZERUST® ICT Tube Strip Pro around bolts in the gap.



Step 3: Wrap the flange with ZIF Tape.



Step 4: Apply ZERUST® ZIF Guard to help secure the ZIF Tape terminating end.

Removal

To remove, cut the ZIF Tape with scissors or a knife and peel away. No heat or chemicals are required.

Availability

Contact a ZERUST® representative for ordering information.

Product Name	Product Number	Unit of Measure*
ZIF Tape 2" x 36'	250-F-00105	ZIF Tape 2 in (50.8 mm) width x 36 ft (10.97 m) length (Box of 12 rolls)
ZIF Tape 4" x 36'	250-F-00108	ZIF Tape 4 in (101.6 mm) width x 36 ft (10.97 m) length (Box of 4 rolls)
ZIF Tape 12" x 36'	250-F-00106	ZIF Tape 12 in (304.8 mm) width x 36 ft (10.97 m) length (Box of 2 rolls)
ZIF Tape 16" x 36'	250-F-00107	ZIF Tape 16 in (406.4 mm) width x 36 ft (10.97 m) length (Box of 2 rolls)
ZERUST® ICT Tube Strip Pro	475-M-00005	~0.13 in diameter x 500 ft/roll (≈3.3 mm x 152.4 m) - Length can be specified as needed.
ZERUST® AxxaWash™ NW-10C	350-W-00001 (PL, DR, TT)	5-gallon pail (PL), 55-gallon drum (DR), and 275-gallon tote (TT).

*Product sold in US customary units. Metric units approximate.

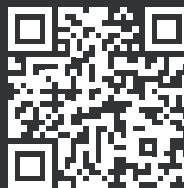
† DECLARATION

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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With over 50 years of experience, ZERUST Integrity Solutions®, a division of Northern Technologies International Corporation (NTIC), creates unique inhibitor-based corrosion prevention solutions to serve terminals, pipelines, exploration and production, equipment suppliers, transportation sectors, and more.

ZERUST Integrity Solutions®, ZERUST®/EXCOR®, and Natur-Tec® are sister companies under NTIC.

