

ActivLink™ M-10

Technical Data Sheet

ZERUST®/EXCOR® ActivLink™ M-10 is an easy-to-use dual-action, moisture control and Vapor Corrosion Inhibitor (VCI) product designed to be strung along the interior of shipping containers. Utilizing ActivDri™ moisture-absorbing and ActivPak™ VCI chemistries in sachets housed within protective mesh sleeves, this product offers cost-effective, long-lasting protection against moisture and corrosion for critical metal assets during extended ocean transport or storage. Each mesh string holds multiple units, enabling easy, even deployment throughout the container to create a corrosion-inhibiting environment, ideal for heavy equipment, automotive parts, and electrical components.

ActivLink™ M-10 diffuses invisible, odorless, and non-toxic ZERUST® Vapor Corrosion Inhibitors (VCI) that settle onto exposed metal surfaces inside the shipping container. Upon removal from the container, the VCI will dissipate from the metal surfaces, allowing immediate painting, welding, or further processing. ActivLink™ M-10 protects ferrous metals (additional formulations available upon request) for up to 12 months‡ in a sealed enclosure. Additionally, ActivLink™ M-10 complies with Global Automotive Declarable Substance, TSCA, REACH, RoHS, and TRGS615 requirements.

For over 50 years, ZERUST® VCI technology has proven its performance and safety with thousands of customers worldwide. 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	White non-woven sachets inside string of yellow poly mesh.
Substrates	Ferrous (carbon steel, silicon steel, stainless steel, cast iron) protection. Additional formulations available upon request.
Vapor Inhibiting Ability (VIA)	Pass (NACE TM0208)

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

- Do not remove the ActivLink™ M-10 string from its original packaging until you are ready to use the product.
- Only remove the required quantity of ActivLink™ M-10 from the original packaging. Close the packaging with the remaining ActivLink™ M-10 strings immediately and ensure the inner plastic bag is properly sealed for storage.
- Unused and/or exposed ActivLink™ M-10 should be utilized or placed back into the original container within 1 hour, and the inner plastic bag should be properly sealed for storage.
- Ensure the metal components and equipment needing corrosion protection are clean and dry.
- Install the appropriate number of ActivLink™ M-10 strings into the ISO shipping container prior to loading and packing. After installation, minimize container door opening time and airflow as much as possible to retain the protective VCI environment.
    - Suspend ActivLink™ M-10 strings overhead, across the width of the container, near the ceiling. This placement allows VCI protection and moisture control to disperse evenly throughout the enclosed container volume.
    - Distribute ActivLink™ M-10 strings evenly throughout the container based on recommended protection volume. **See the Protection Info section on page 2 for usage amount recommendations.**
    - Do not puncture, tear, or damage the ActivLink™ M-10 mesh or sachets during installation, loading, or shipment, as this may reduce product effectiveness.
    - Close the shipping container as soon as loading is done to restrict airflow and retain ActivLink™ VCI. While shipping containers are not airtight, reducing airflow improves protection performance. Airtight or well-sealed enclosures provide optimal corrosion protection.
    - When installing ActivLink™ M-10 prior to loading, suspend strings high enough near the container ceiling to prevent interference with forklifts, cargo, or loading equipment during container packing.
    - ActivLink™ M-10 may be installed during normal outdoor conditions; however, avoid exposing the sachets to direct rain, standing water, or soaking prior to installation. Do not install sachets that have become saturated.
- **Attention:** Data loggers cannot be used to detect humidity in a container during a shipment, as ActivLink™ VCI chemistry affects the accuracy of humidity detection.

Scan QR for more product information and photos

Availability

ZERUST®/EXCOR® ActivLink™ M-10 is a made-to-order product, sold in cases. Contact your ZERUST®/EXCOR® representative for ordering information.

Part Number	Model	Quantity
375-M-00229	ActivLink™ M-10	4/Case

Protection Info‡

Model	Product Length*	# of Sachets/10'	Normal Environment**	
			Protection Volume (Up to)‡	Protection Duration (Up to)‡
ActivLink™ M-10	10' (3 meters)	44	795 ft^3 (22.5 m^3)‡	12 months‡

* +/- 10%.

** Normal environment (below 0.2 ppm SO_2)

Storage

- Store in a cool, dry place and away from sunlight in the original packaging.
- Optimal storage temperature is < 85°F (29°C) and 50% RH for up to 2 years from the date of shipment.
- Unused ActivLink™ M-10 should be immediately placed back into the original container (inner plastic bag) and sealed for storage.

Disposal

- The contents of ActivLink™ M-10 does not meet the criteria for hazardous waste according to 40 CFR 261 (no components listed on F, K, P, or U lists; not ignitable, not corrosive, not reactive, and not toxic).
- ActivLink™ M-10 may be disposed of in the general solid waste trash. Since ActivLink™ M-10 generates ammonia, it is best practice to notify your solid waste hauler, especially if a large volume of unused ActivLink™ M-10 needs to be disposed of.
- Since regulations vary by location, ZERUST® advises our customers to review local regulations to ensure proper disposal.

Precautions

- Do not install the packet where it will be submerged in water.
- ActivLink™ M-10 users with higher sensitivity to smell may detect the presence of an ammonia-like odor when opening the original container of ActivLink™ M-10. For such users, it is recommended to open the ActivLink™ M-10 package in a well-ventilated room before use.
- Avoid placing metal surfaces in direct contact with wood or cardboard (sources of moisture and acid).
- Do not disassemble. Keep away from children.
- Refer to the Safety Data Sheet (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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