



## ▶ ZERUST® VCI Paper Envelopes

ZERUST®/EXCOR® VCI (Vapor Corrosion Inhibitor) envelopes provide cost-effective and versatile protection against corrosion damage for music strings in shipping, storage, and at point-of-sale. VCI envelopes are available in paper and may be imprinted, and almost any color.

ZERUST® VCI paper envelopes diffuse proprietary ZERUST® VCIs (Vapor Corrosion Inhibitors) to protect metals from corrosion. ZERUST® VCI packaging is safe\*, easy to use, and the protected items are ready to be used as soon as they are removed from the packaging. ZERUST® VCI technology has proven its performance and safety\* with thousands of customers worldwide for almost 50 years.

VCIs are molecules that inhibit corrosion by forming a thin, protective layer on a metal surface within an enclosed space. This invisible layer prevents moisture and environmental elements from reacting with the metal surface and causing corrosion. The molecules dissipate when the enclosure is opened and do not need to be removed. It is used to protect valuable metal items in industries such as automotive, machinery, and aerospace. ZERUST® also provides corrosion solutions for end-user applications to protect fishing tackle, tools, guns, and musical instruments. ZERUST® offers on-site support and service using our local partners in more than 70 countries.

### Application Example

ZERUST® VCI Paper is saturated with vapor corrosion inhibitors for robust protection of guitar strings in storage and shipping. The paper is pH neutral and non-abrasive. It is made from paper sourced from responsibly managed forests and is fully recyclable.



### ▶ Benefits

Effective corrosion protection and packaging combined in one step

Strings are ready for use directly out of the packaging

Available in many different colors, printing, and sizes

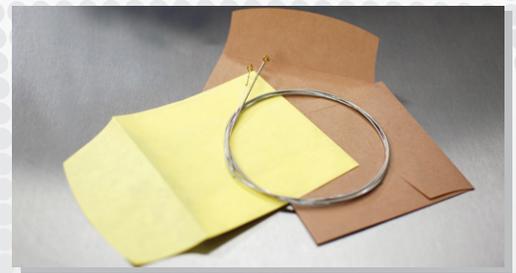
Provides safe\* and effective ZERUST® VCI protection

Made from recyclable materials

### Application Type

Storage  
Shipping  
Point of Sale

\*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 Envelopes can be made in different materials, sizes and printing options .

## Product Information

<b>Description</b>	ZERUST®/EXCOR® VCI Envelopes are made from ZERUST® paper products that are fully saturated with vapor corrosion inhibitors.	
<b>Appearance</b>	Typical colors are white, yellow, and brown. Additional colors are available upon request. Subject to order minimums.	
<b>Protection Duration</b>	VCI Paper	Up to 1 year
<b>Storage</b>	Store in a cool, dry place and away from sunlight for up to 1 year from the date of shipment.	
<b>Protected Metal Types</b>	Ferrous, multimetal, and non-ferrous protection are available.	
<b>Complementary Products</b>	ZERUST® VCI diffusers	
<b>Certifications</b>	Northern Technologies Intl. Corp. holds ISO certificate FM 516997 and operates a quality management system that complies with the requirements of ISO 9001:2008 for the design and manufacturing of corrosion-inhibiting and protective packaging systems.	

### DECLARATION

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## Availability

ZERUST®/EXCOR® VCI Envelopes come in a wide range of custom options. Contact a ZERUST® account manager for pricing and availability.

## Recyclable

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

## 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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