



## APPLICATION FOCUS

**Who**  
Aluminum rolling mill located in Wisconsin

**What**  
Protection of aluminum coils from corrosion

**Why**  
Aluminum coils are supplied to high-end cookware manufacturers and cannot have any corrosion when received

**How**  
Aluminum coils were wrapped with Zerust® custom coil covers and ICT® 510-SM Stretch film

## Zerust® Protects Aluminum Coils From Corrosion with Custom Made VCI Coil Covers and Stretch Wrap During Shipping

A large aluminum rolling mill needed to supply aluminum coils to a high end cookware manufacturer and were required to provide 100% corrosion free shipments. Since the aluminum was going to be made into cookware, they required a safe alternative to typical rust preventatives such as oils and coatings to protect the coils from corrosion during storage and shipping.

### The Solution

The Zerust® representative visited the site to take a look at the coils and came up with the idea of making custom made “coil covers” out of ICT®510-C Non-Ferrous Vapor Corrosion Inhibitor (VCI) film. Zerust® made these covers by sewing an elastic band on the bottom of the film, so the rolling mill can easily slip the covers over the top and bottom of the coils. For added protection, Zerust® also recommended that they finish the packaging by wrapping each coil with ICT®510-SM 20” multimetal VCI stretch film to firmly secure the two coil covers and insure each coil is fully wrapped with the Zerust® VCI film during shipping and storage.

The aluminum rolling mill have been using the solutions provide by Zerust® for several years and have been very pleased with the performance of the Zerust® products.



Zerust® Custom Coil Cover



Zerust® ICT® 510-SM Stretch Film

Zerust® corrosion experts recommended a packaging solution to protect aluminum coils from corrosion—enabling the supplier to fulfill their customers requirements.

**ZERUST® EXCOR®**

Use For:



Land  
Shipping



Long Term  
Storage



Inventory  
Storage

## OTHER PRODUCTS



### VCI Kraft Packaging Paper ICT®400 Series

Acid-free, pH neutral, smooth and non-flaking corrosion inhibiting paper and poly paper offer short-term corrosion protection for metal parts. Most paper products are recyclable.\*



### VCI Packaging Films ICT®500 Series

Our most widely used series of products. A variety of films offer short or long-term corrosion protection for parts and equipment during storage or shipment. Most film products are recyclable.\*



### Rust Removers and Cleaners ICT®600 Series

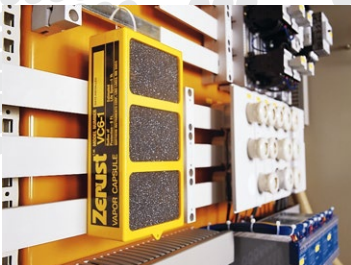
Highly effective rust removers for light to severe rust removal.

All ICT®600 series rust removers are non-toxic, non-hazardous and non-corrosive.



### Liquid Additives and Coatings ICT®700 Series

Temporary corrosion protection for parts in-between production processes, during storage, or for added protection to the ICT® 500 series products during ocean shipments.



### VCI Vapor Diffusers ICT®800 Series

Self-contained, portable products that diffuse Zerust® ICT® chemicals to protect metals within enclosures, such as tool boxes, electrical boxes, etc.

\*Consult your Zerust representative and federal, state and local regulations.

**ZERUST®**  **EXCOR®**

[www.zerust.com](http://www.zerust.com)

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