

PROTECTIVE
BARRIER
PACKAGING
FILMS



DAUBERT CROMWELL

The Leading Name in Corrosion Prevention®



Heavy duty VCI films for packaging machinery and equipment

- X-0 Wrap™ Shrink Films
- Metal-Guard® FF Barrier Film
- Premium Metal-Guard® VCI film

REDUCE SHIPPING, LABOR AND MATERIAL COSTS WITH HEAVY DUTY VCI SHRINK WRAP

- Wide Widths • Heavy Duty, Puncture Resistant • Corrosion Inhibitors • UV Protection • Built for Outdoors

Companies are finding it faster and more economical to store equipment outdoors than put it under roof. Seasonal equipment, large machinery, and irregularly shaped equipment that is difficult to move deserves the barrier and corrosion protection of Daubert Cromwell's new **X-O Wrap**, for **EX**terior, **O**utdoor applications. It's a durable, opaque, wide-width film that eliminates need for laborious crating. Available up to 10 mils thick and 32 ft. wide.

Thick, heat-sealable, puncture-resistant, flexible X-O Wrap shrink film conforms easily to bulky shapes and non-standard dimensions. It provides a totally protective shell against moisture, dirt, dust, salt and damaging effects of sunlight. Water won't seep in and cause damage. The opaque film is available in blue or white, with two choices of VCI protection depending on the metal type.

Ask about our on-site installation service.

X-O Wrap Shrink Films

X-O WRAP IS DESIGNED:

- To enclose metal equipment and protect it against weather when stored outside.
 - Wind turbines and components
 - Locomotive parts
 - Road-building machines and heavy duty construction equipment
 - Aviation and aerospace parts
 - Marine equipment
 - To fit tightly around the rough edges without puncturing or scratching the metal surfaces inside.
 - Zippers, windows, and custom closures let customs agents inspect the cargo without damaging the shipment.
 - Choose from three types of X-O Wrap films --for ferrous metals, for multi-metals, and non-VCI film for general use when the application only needs protection against UV rays and contaminants in the environment. **All recyclable.**
- To protect metal parts on containers during export shipment.
 - Automobiles and truck chassis
 - Motorcycles, snowmobiles, and recreational vehicles
 - Fabricated metal parts
 - To keep the load secure during transport.
 - No stretching, tearing or puncture.



PREMIUM METAL-GUARD® X-O WRAP

Ferrous/Non-ferrous metals

Corrosion inhibitors in the thick, flexible shrink film keep multi-metal parts clean, dry and rust-free. The UVI stabilization feature provides extended life to the film, making it ideal for use in outdoor storage and export environments.

Replaces less functional non-VCI shrink wraps, tarps and covers. Use it when the part is not suited for crating. Excellent sealing properties allow X-O Wrap to be installed on-site without additional equipment or labor. Good for ferrous and non-ferrous applications.



FERRO-FILM® X-O WRAP

Ferrous metals

Exceptionally rugged shrink film with corrosion protection for ferrous metals.

The UVI stabilization feature provides extended life to the film, making it ideal for use in outdoor storage and export environments.

Replaces less functional non-VCI shrink wraps, tarps and covers. Use it when the part is not suited for crating. Excellent sealing properties allow X-O Wrap to be installed on-site without additional equipment or labor.



DAUBERT® X-O WRAP

Non-VCI protection

General purpose shrink film keeps the load secure and keeps out dust, dirt, moisture, and contaminants. Not for corrosion protection of metals.

This all-purpose durable wrap provides a controlled, dry interior atmosphere for a wide variety of protective transit requirements. Ideal protection for flatbed, container shipping or barge – saving labor and replacing the use of tarps.

Metal-Guard® FF

Metal-Guard FF is a heavy duty foil barrier film that creates an effective packaging environment for metal parts and equipment in harsh climates and during export. Metal-Guard FF bags, covers and wraps protect ferrous metals from damage caused by humidity, moisture, oxygen, salt spray, grease and airborne contaminants for as long as the packaging remains intact.

Heat sealable, waterproof, greaseproof and flexible, Metal-Guard FF essentially replaces the 2-step process of wrapping parts with VCI poly and then a laminated barrier foil. Use it to prevent corrosion on items during long-term storage or shipment and where conventional methods would be difficult or costly. Typical applications include wrapping or crating large machinery for export or wrapping small parts for long term protection.

Metal-Guard FF starts with a lamination composed of biaxially oriented nylon, aluminum foil and a heavy polyethylene sealant layer. Daubert Cromwell's proprietary VCI formulation is in the PE sealant, creating an air and moisture proof combination proven to protect packaged metals against corrosion.

TYPICAL APPLICATIONS:

- Crating material • Shrouds • Barrier bags • Custom size bags and covers for large equipment • Small parts packaging



Premium Metal-Guard® VCI Shrink Film

Transparent, wide-width, versatile Premium Metal-Guard VCI film is an exceptionally durable LDPE shrink film that prevents corrosion on multi-metal components and machinery. Wide-width Premium Metal-Guard has a proprietary blend of corrosion inhibitors blended throughout the film, not superficially applied. The VCI film provides an invisible, effective barrier that prevents corrosion-causing contaminants from depositing directly on the metal surface. Available up to 240" wide, and 6 mils thick.

Transparent Premium-Metal-Guard film allows easy visual inspection of the packaged parts.

- Odorless, safe, non-toxic • Recyclable • Heat-sealable, tear-resistant • RoHS compliant

Ask about Premium Metal-Guard stretch film, tubing, sheeting, bonnets, bags (flat, individually cut, perfed on a roll, recloseable), and custom fabrications.





Quality manufacturers have relied on Daubert Cromwell products for 75 years to protect their valuable metal parts against corrosion and tarnish.

Daubert Cromwell is committed to setting new standards in the development of packaging solutions for a wide range of customers in automotive, military, heavy equipment, electronics, fabricated metals and other markets where corrosion prevention is critical.



PRODUCT • PERFORMANCE • QUALITY



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