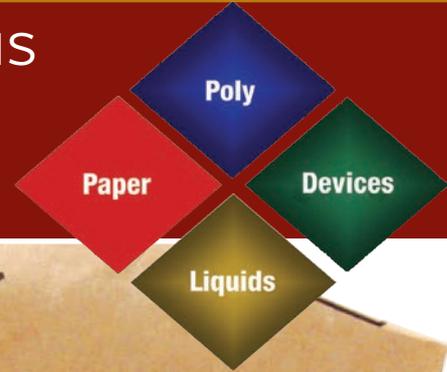


# Corrosion Protection Packaging for Industry

CORROSION PREVENTION SOLUTIONS  
FOR METAL MARKETS



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For more than 85 years, quality manufacturers have trusted Daubert Cromwell VCI products to protect their valuable metal parts against corrosion. Today, as companies seek ways to reduce costs yet maintain quality in all stages of manufacture, storage and shipment, Daubert Cromwell offers innovative solutions to corrosion problems. Through proven quality and years of exemplary service, the company has earned its reputation as "The leading name in corrosion prevention®."

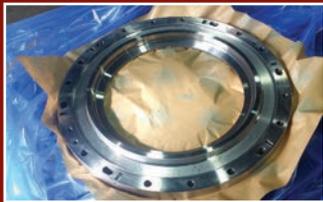
Daubert Europe is conveniently headquartered in Munich, Germany, with manufacturing and shipping locations throughout Europe.

**IT'S A GLOBAL WORLD.**


Let our Global Network determine the right corrosion solution for you.

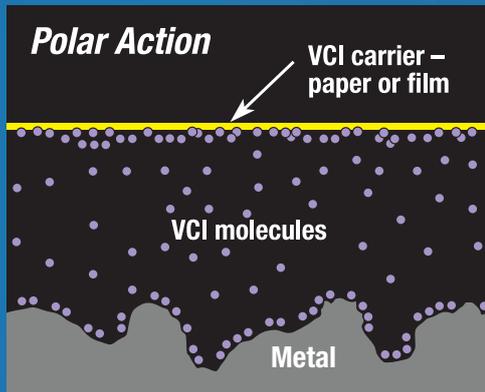
Technical sales managers are strategically located throughout Europe. In addition, a global sales team coordinates customer requirements in:

- Mexico
- Brazil
- China
- Southeast Asia
- Japan
- India
- Australia
- South America
- USA
- South Africa


**HOW VCI PRODUCTS WORK**

When metals are wrapped or packaged in VCI, the vapors saturate the packaging environment and form a protective molecular layer on the surface of the metal. This protective layer prevents moisture, salt, dirt, oxygen and other materials from depositing on the metal and causing corrosion. Simply store or ship metal parts in VCI packaging. When the parts are unwrapped, the protective layer immediately begins to dissipate. The metal parts are clean, corrosion-free and ready to use. No washing, dipping or cleaning is necessary.

- Long lasting, effective protection against corrosion
- Easy, clean, economical application options
- Easy storage
- Lower per unit packaging cost
- Packaging flexibility
- Reduced processing time



**"YOUR ONE SOURCE FOR EVERY VCI SOLUTION"**

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The Daubert 360 Field Support Program uses a proven 4-step process to determine the right corrosion solution for shipping metal parts. This complimentary program helps determine the methods, materials, and procedures needed to ensure your packaged metal parts arrive at their destinations free of corrosion.



Consistent quality... exemplary service... innovative solutions, these are the strengths that make Daubert Cromwell industry's first choice for protective packaging.



### Mission

Daubert Cromwell will strengthen and build its core competency as a specialist in corrosion prevention packaging for industry with products and service that satisfy the evolving requirements of our global customers. Through consistent quality, service, innovative and customized corrosion solutions, Daubert Cromwell will be industry's first choice for protecting metal parts and assemblies during shipping and storage.

We will do this by:

- Reducing the cost of corrosion for our customers through the use of high quality, well performing, paper and plastic packaging treated with volatile corrosion inhibitors and by applying best-in-class rust preventive liquids and coatings.
- Deploying our depth of experience and industry leading products around the world, wherever our customers or their suppliers do business, wherever they need to protect their products.
- Our 85-year history as an industry leader by continuing to provide the most valued, dependable protection against corrosion with world class products, industry leading processes, delivered by talented and dedicated people.
- By focusing on our customers' needs, we will deliver innovative and customized corrosion solutions, drive growth, deliver strong returns for our shareholders, and provide our employees with a rewarding place to work.

# CORROSION INHIBITOR PACKAGING PAPERS

## Selecting the Right VCI Paper

Daubert Europe offers a wide range of VCI packaging papers to meet the unique corrosion protection requirements of metal fabricators, suppliers, shippers and end users.

- Using virgin and recycled kraft papers.
- Odorless, safe, non-toxic, recyclable.
- VCI protection sets up quickly.
- Easy to use

The type of VCI paper you choose depends on the metal being protected. Daubert Europe has formulations specifically for:

- Ferrous metals
- Multi-metals; ferrous/non-ferrous combinations.
- Specialty metals, such as copper, silver and aluminum.

As a general rule, use heavier weights of paper to protect large or irregularly shaped equipment and components. Use barrier coated papers, such as waxed or poly coated, to keep out moisture and grease. Laminated or reinforced grades offer heavy-duty protection against corrosion-causing contaminants in the environment, plus resist rips and tearing.

## Broad Selection

- Roll stock, sheeting, bags, envelopes
- Covers, liners, die-cut and fabricated shapes.
- Custom cut sheets to eliminate waste and reduce labor/material cost.
- Chips, in any size and VCI formulation.
- Reinforced and laminated constructions.

## Custom Printing

Daubert Europe can custom print your VCI packaging paper with your logo for easy brand identification. Your logo, instructions, or message appears in crisp, clear detail.



VCI Packaging for Gears, Bearings



VCI Papers, Bags and Wraps for Small Part Packaging



VCI Specialty Metals Protection



Anti-Tarnish Packaging



TRGS 615 TL 8135

For complete product information, specific recommendations and selection assistance, call +49-89-4522036-0, or e-mail [service@daubertcromwell.eu](mailto:service@daubertcromwell.eu)

BRAND	PRODUCTS	DESCRIPTION
MasterShield®	FE50	60 g/m <sup>2</sup> natural kraft saturated both sides with premium corrosion inhibitor formulation. Nitrite-free. Provides protection of ferrous metals, steel and iron. Ideal for packaging metals in transit & during short-term storage. Available in rolls up to 1.5m wide. TRGS 615 compliant. Passes TL8135.
	FE70	70 g/m <sup>2</sup> natural kraft. Excellent strength and tear resistance. Nitrite-free. Ideal for packaging heavy metal parts used in automobile, construction, and equipment manufacturing.
	FE90	90 g/m <sup>2</sup> natural kraft. Nitrite-free. Ferrous metal protection for large or heavy parts, and where greater tear strength and puncture resistance are required.
	PFE90	90 g/m <sup>2</sup> natural kraft coated with polyethylene. Nitrite-free. The clear polyethylene on VCI kraft provides a moisture barrier to ferrous metal parts in storage and shipment.
PowerShield®	MM50	60 g/m <sup>2</sup> natural kraft with multi-metal corrosion inhibitors. Protects zinc, galvanized, copper, brass.
	MM70	75 g/m <sup>2</sup> natural kraft with multi-metal corrosion inhibitors. Protects zinc, galvanized, copper, brass.
	MM90	100 g/m <sup>2</sup> natural kraft with multi-metal corrosion inhibitors. Protects zinc, galvanized, copper, brass.
	PMM70	75 g/m <sup>2</sup> natural coated with polyethylene. The clear polyethylene on VCI kraft provides a moisture barrier to multi-metal parts in storage and shipment.
Alumitex®	ALUMITEX	57 g/m <sup>2</sup> neutral natural kraft, unprinted, provides contact corrosion protection to ferrous and many non-ferrous metals including aluminum, galvanized steel and lead alloys. Protects from water spotting and corrosion when in contact with metal. <b>Nitrite-free.</b>
Coppertex®	CPTX	57 g/m <sup>2</sup> natural kraft. Natural kraft. Protects copper, brass, bronze, and other copper alloys. Use as a wrap for interleaving. Nitrite-free.
Silver Saver® Silver-Guard™	Silver Saver Silver-Guard	65 g/m <sup>2</sup> bleached kraft. Prevents tarnish on silver, gold and noble metals. Nitrite-free, sulfur-free. Silver-Guard anti-tarnish paper is poly-coated. Face poly side to metal.
Reinforced Papers	UW94MPI Woven	160 g/m <sup>2</sup> natural kraft laminated to woven polyethylene fabric and coated with Uniwrap MPI multi-metal protection. Provides maximum strength and tear resistance in heavy duty applications. Excellent coil wrap.
	PC50MPI Scrim	80 g/m <sup>2</sup> natural kraft with LDPE reinforced with tri-directional scrim. Designed as sheeting and interleaving between heavy steel rolls and pallets. PC50MPI scrim is for multi-metal protection.
	PC50H Scrim	80 g/m <sup>2</sup> natural kraft with LDPE reinforced with tri-directional scrim. Designed as sheeting and interleaving between heavy steel rolls and pallets. PC50H is white, nitrite-free. For ferrous metals protection.
	Steelwrap MPI	185 g/m <sup>2</sup> natural kraft treated one side, laminated with reinforcement and polyethylene to a 81 g/m <sup>2</sup> natural kraft. Provides heavy duty moisture resistance and strength for wrapping steel coils.
Chips	VCI Chips	0.76mm chipboard coated with ferrous, non-ferrous or specialty metal formulation. Standard in 2.5cm x 2.5cm. 5cm x 5cm and larger sizes.



Ask about environmentally friendly “G” papers for ferrous metal protection.

Other VCI papers, constructions and types are available. For information or application assistance, call +49-89-4522036-0 or e-mail [service@daubertcromwell.eu](mailto:service@daubertcromwell.eu)

# CORROSION INHIBITOR PACKAGING FILMS

Daubert Europe films exceed all the rigorous demands for corrosion protection in a lean global manufacturing environment. The proprietary formulation of corrosion inhibitors is integrally blended into the film, not superficially applied. The VCI volatilizes inside the packaging environment, protecting the metal with an invisible, effective, barrier that prevents moisture, salt, oxygen, dirt, and other corrosion-causing materials from depositing directly on the surface.

Daubert Europe uses transparent colors that allow for easy visual inspection and identification of parts. The easy-to-use, safe, effective packaging is good for long-term storage, export shipments, in-process assembly, and more.

- 40–200 micron thickness options
- Formulations to meet unique applications and fit into any program budget.
- Odorless, safe, non-toxic
- Recyclable
- Heat sealable, tear-resistant, moisture-resistant.
- Nitrite-free, amine-free, formulations.
- Available in rolls; shrouds; flat, zipper and gusseted bags; gusseted liners; stretch film; shrink film; bonnets; custom types and fabrications.
- Ideal for large and roughly handled assemblies, frames, stampings, doors, etc.
- RoHS certified (by independent labs).

## Stretch and Shrink Film

VCI films offer the handling ease of polyethylene with proven corrosion protection.

## Broad Selection

Daubert Europe VCI films are available in stock and custom sizes to meet your specific application:

- Flat and reclosable bags
- Pre-opened bags on a roll
- Perforated, loose and zippered bags
- Shrouds
- Tubing
- Sheeting
- Gusset bags (popular large sizes are in stock)
- Fabricated bags

## Specialty Film Products:

Call Daubert Europe about more product options and custom film products, including:

- High strength, puncture-resistant, tear-resistant films
- UV stable shrink and barrier films
- VCI Bubble Bags
- Co-Extruded
- Static Dissipating (ESD)
- VCI-lined fabric bags and shrouds
- Bonnets and covers
- Custom colors
- Flame Retardant

Standard film is tinted a unique shade of blue to identify it as a quality product of Daubert Europe.



Automotive Applications



Engine Lay-Up Protection



Large Metal Equipment



Packaging, Shipping



Small Parts Protection



new

The next generation of environmentally friendly, non-nitrite VCI film for ferrous metals, aluminum and steel.

# CLEARPAK® 5000

- Protects steel and aluminum surfaces
- Recyclable, nitrite-free
- Heat-sealable, tear-resistant
- Long-term corrosion protection
- Safe and easy to use
- Parts remain clean, dry & ready to use immediately, without additional cleaning or rework
- Compatible with Daubert Europe rust preventive liquids, papers, foams and emitters
- Passes TL 8135
- OEM Approved



**FILM** Premium Metal-Guard®, Metal-Guard®, Metal-Guard® FF, Ferro-Film™, Clear Pak®, Clear Pak® BIO, Nox-Rust® Poly Wrap.

PRODUCT	DESCRIPTION	PROTECTION	THICKNESS	
<b>Premium Metal-Guard®</b>	Heat sealable, LDPE film with proprietary blend of contact and volatile corrosion inhibitors in the film. Standard Daubert blue; other colors by custom order.	Multi-metal protection	80 micron standard.	
<b>Ferro-Film®</b>	Heat sealable LDPE film with contact and volatile corrosion inhibitors blended in the film. Standard green. Other colors by custom order.	Ferrous metals	100 micron is standard. Other thicknesses by custom order.	
<b>Clear Pak®</b> <b>CP 5000</b> <b>CP BIO</b>	<b>Nitrite-free</b> , heat sealable, LDPE film with proprietary corrosion inhibitors blended into the film. Clear Pak is standard in Daubert blue. CP BIO is standard in purple tint.	<i>CP5000= For Ferrous/Non-Ferrous, Aluminum</i>  <i>CP BIO= For Ferrous metal</i>	80 & 100 micron standard. Other thicknesses by custom order.	
<b>X-O Wrap Shrink Film</b> <i>For Exterior, Outdoor applications.</i>	Heat-sealable, puncture-resistant, flexible shrink film conforms to bulky shapes and non-standard dimensions. Opaque, durable X-O Wrap films are available in blue or white. Widths up to 9-75m.	PMG X-O Wrap for multi-metals; X-O Wrap for ferrous; Daubert X-O Wrap for general use.	250 micron standard.	
<b>Metal-Guard® FF</b> <b>Metal-Guard® FF Light</b>	A heavy duty foil barrier film that creates an effective packaging environment for metal parts, machinery and equipment in harsh climates and during export. Heat sealable, waterproof, greaseproof and flexible.	Ferrous metals.	FF 200 micron  FF Light 107 micron	
<b>VCI Masking Film</b>	A pressure sensitive adhesive film that protects metal surfaces against scratches, marring and corrosion. Applies easily, leaves no residue. For indoor use.	Multi-metal protection.	50 micron standard; Roll widths 7.5 cm to 2m.	
<b>VCI Stretch Film</b>	Film has excellent clarity and cling properties. Strong, puncture-resistant. Designed to secure and protect irregular loads.	Multi-metal protection.	Standard in 100 micron	
<b>Nox-Rust® Poly Wrap</b>	All-poly fabric for wrapping steel coils, sheeting, pallets and equipment. Woven polyolefin structure (8x8 weave) impregnated with VCI. Good deadfold. Recyclable.	Ferrous/ non-ferrous protection.	Up to 2.1m wide.	
<b>VCI Bubble Wrap and Bags</b>	Premium Metal-Guard VCI film combines corrosion protection with cushioning properties of bubble film. Ideal for heavy metal parts or for delicate components. Available as 2 layer & 3 layer bags, with lip and tape closure, and flat bag opening.	Multi-metal	Minimum width 80mm-3000mm. 30-430 microns. Other thicknesses and bag types by custom order.	

Other VCI film constructions and types available. For complete information, call +49-89-4522036-0 or email [service@daubertcromwell.eu](mailto:service@daubertcromwell.eu)

## WATER-BASED, ACID-FREE, FAST-ACTING RUST REMOVERS

### ***RUST REVENGE***<sup>®</sup>

New, water-based *RUST REVENGE* safely soaks away rust from immersed parts.

The non-toxic powerful rust removing liquid is a safe, pH neutral, non-acidic soaking solution. Rust Revenge soaks away rust from immersed parts such as engines, automotive parts, gears, bearings, tools, and fabricated parts.

- Soaks away rust from immersed parts
- No acids or bases
- Safe for humans and the environment
- Easy to use. No special handling required
- REACH registered
- Water-based, non-hazardous
- Safe on multi-surfaces
- No VOC's or HAP's
- Non-toxic

*RUST REVENGE*<sup>®</sup> is manufactured, approved and available in Europe.



RUST REVENGE Soaking Solution



### ***NOX-RUST***<sup>®</sup> Premium Rust Removing Gel

Water-based, fast-acting, brush-on gel safely and effectively restores metal surfaces. The thick, odorless and acid-free gel works without scrubbing or sandblasting. It begins to remove light rust within 15 minutes. When rust dissolves, wipe or rinse gel away. The clean part is ready for next process, storage or shipment.

#### Typical Applications:

- Vertical surfaces that cannot be immersed in rust remover liquids.
- Large metal components, assemblies and machinery
- Lockers, bleachers, bathroom partitions.
- Metal cabinets, walls, dividers
- Hand rails, posts, racks

*Nox-Rust*<sup>®</sup> Premium Rust Removing Gel is water-based and acid free.



Brush-on Gel Rust Remover

### ***EVAPO-RUST***<sup>®</sup>

Evapo-Rust is a water-based, reusable, pH neutral soak solution proven effective on all types of mild steel and iron. The non-corrosive soak solution works safely and quickly to remove rust from ferrous metals without harming vinyl, plastic, rubber, glass or wood.

#### Features

- Water-based, non-hazardous, non-toxic
- Safe on multi-surfaces.
- No VOC's or HAP's.
- No acids or bases
- Easy to use - no special handling required

## CORROSION PREVENTIVE LIQUIDS

### ***Nox-Rust***<sup>®</sup> Corrosion Preventive Liquids

Selecting the proper Nox-Rust liquid depends on a number of conditions:

- Outdoor or indoor use
- Duration of use
- Type of metal to product
- Method of application and removal

#### Typical Applications:

- Lay-up and preservation
- Final rinse additive
- Cleaning agent
- Edge coat for coils and sheet stock
- Closed systems (boilers, tanks, pipes, piping)
- Unpainted metal parts
- Seasonal equipment (lawnmowers, snowblowers)
- Metal processing lubricants



Spray-On Multi-Metal Inhibitor

PRODUCT	METAL PROTECTION	DESCRIPTION
*3100†	Transit coating for steel; compatible with non-ferrous metals.	Amber oil dries as a firm, waxy film that can be handled after 3–6 hours. Coating sets up in 12–24 hours. Remove with solvent, vapor degreaser or steam.
*3100G	Transit coating for steel; compatible with non-ferrous metals.	Thickened version of 3100 transit coating- use on vertical surfaces and small-scale brush-on type applications.
*5100	Steel; compatible with non-ferrous metals.	Outdoor corrosion protection. Dries as a black, dry, firm film. Remove with solvent/alkaline cleaner.
*5200†	Steel; compatible with non-ferrous metals.	Apply on exposed metals, unpainted metal parts. The brown, grease-like film dries as a semi-film coating in 12-24 hours. Protection lasts 3-6 months on equipment stored outdoors, up to 5 years if stored indoors. Remove with solvent/alkaline cleaner or an emulsion cleaner.
*5300†	Steel; compatible with non-ferrous metals.	Brown, oily film displaces water and saline solutions to keep corrosion from forming on metal surfaces inside closed systems. Completely miscible with lubricating oils.
8500	Steel; compatible with non-ferrous metals.	Hard acrylic emulsion film. Water-based, clear. Dries as a tack-free exterior coating, will not pick up dust or dirt. Non-staining. May be removed with soap and water for up to one hour after applying.
9900	Steel and other metals in closed systems; compatible with copper, brass.	Environmentally safe water-based coating with corrosion protection. Low VOC with no solvents, petroleum oils or harmful chemicals. Can be diluted with water. Dries to a firm, tacky film that is not water soluble. Compatible with copper and brass.
1100	Ferrous; iron, steel.	A lubricating oil and corrosion preventive to protect metals in closed systems. Prevents rust caused by condensation build-up inside equipment during lay-up and preservation. Removal not required.
1101†	Steel, iron, zinc, aluminum.	Use in closed systems where a combination of metals are present. Petroleum-based Nox-Rust 1101 can be used full strength in ferrous and non-ferrous metal systems. It may be used on fuel tanks, gear housing, storage tanks, clutch compartments, crankcases, transmissions.
1200DC	Steel and other metals in closed systems; compatible with copper, brass.	Environmentally safe, silica-free water solution for closed systems. Apply water-soluble liquid by fog or spray. Silica-free liquid leaves no residue. Does not contain phosphates, heavy metals or nitrites. Preserves equipment and piping systems that need to undergo hydrostatic testing prior to shipping or storage. No special surface preparation required prior to equipment shutdown.
9800	Steel, iron, zinc, aluminum.	Water-soluble VCI liquid to apply required by fog or spray into closed systems. Clear, amber liquid is ready to use. Moisture-absorbing, fingerprint removing. Removal not required.
*4101	Outdoor storage and transport protection for steel, zinc.	Protects in areas where acid fumes are present, such as found in pickling operations. Prevents corrosion from forming on steel parts and equipment stored in humid conditions. Non-staining. Removable with petroleum solvent, caustic cleaner, steam.
Safecote® CF	Steel, cast iron, ferrous alloys.	A blend of inhibitors, emulsifiers and surfactants designed to deposit a soft greasy film from a water emulsion system to protect ferrous metal surfaces. Excellent high humidity & salt spray protection.
Safecote CLV	Transit coating for ferrous metals. Safe for threaded bolt holes.	A water-based transit coating that provides environmentally safe corrosion protection for ferrous metals during storage & shipment. Low VOC, protects metal surfaces by depositing a firm, waxy film coating.
5400†	Cold rolled steel; sheet metal stamping; automotive parts.	Multi-metal inhibitor for general industrial use. Used as a wash, it leaves behind a lubricant and corrosion preventive film. Will not affect priming, painting, sealing, welding or cleaning operations. Easy to remove by conventional cleaning methods. Approved for use in automotive manufacturing.
*7100†	Steel; compatible with brass, aluminum, copper.	Leaves a sparkling luster on treated metal. Removes water after using an aqueous cutting oil. Non-staining. Won't clog stamping machines. Repels water from metal surfaces. Dries as a transparent, non-discernible film. Removal not required.
7800	Steel; metalworking, precision parts.	Ideal lubricant for high precision equipment and parts. Compatible with barium lube grease. Excellent lubricating oil for assembly parts.
9300	Steel	Final rinse additive. Retards corrosion during shipment and storage of machined parts, tools, treated steel and assemblies. Water-displacing.
9700	Steel	Synthetic, water-based fluid. Removes dirt, debris from steel before mill oils are applied.
EV9	Ferrous/ non-ferrous.	A vegetable base (soybean), safe, biodegradable protective coating engineered to protect metals stored or shipped in extreme environmental conditions. Stays oily to the touch. For piping, tubing, engineered parts, fabricated metals transportation equipment where environmental concerns are a factor.

OUTDOOR SOLUTIONS

LUBRICATING LIQUIDS, PRESERVATIVES

SPECIALTY SOLUTIONS

-Liquids sold in 19 Liter pails and 208 Liter drums. †Also sold in 325 ml aerosols. \*Special handling required for shipping.

The selection guide to Daubert Europe liquids and powders is intended for general reference only. For complete product information, specific recommendations and selection assistance, call +49-89-4522036-0 or 800-535-3535, or e-mail [service@daubertcromwell.eu](mailto:service@daubertcromwell.eu)

Daubrite emitters are corrosion-preventive device designed for use inside packaging environments and enclosed spaces:

- Electronics and telecom equipment
- Utility boxes
- Engine compartments
- Mechanical controls
- Gun cabinets
- Tool boxes
- Shipping containers and pallets
- Exposed wire in junction boxes, control panels

*Wherever corrosion can attack and damage exposed metal*

Daubrite devices emit protective vapors into the space to form an invisible layer on the surface of the metal to prevent moisture, salt, dirt, oxygen and other contaminants from depositing on it, causing corrosion.

- Specially formulated to be effective on steel and multi-metal parts
- Safe, economical, easy to use, and the corrosion protection lasts for years, even in the presence of moisture.

## Daubrite Disks

- Thin, lightweight disks can be positioned inside tight or restrictive spaces.
- Adhesive tape on the back sticks to metal cabinets, containers and walls.

- **Daubrite 5** protects 0.14 m<sup>3</sup> for up to 24 months\*
- **Daubrite 10** protects 0.28 m<sup>3</sup> for up to 24 months\*

## Daubrite Packets

- Sturdy, tear-resistant construction.
- Lightweight, economical.
- Protects even in the presence of moisture.
- Each Daubrite 1 protects metals in 0.03m<sup>3</sup> of enclosed space.

## Daubrite Foam

- Provides cushioning for delicate and sensitive components.
- Soft and abrasion resistant, won't harm polished finishes.
- Daubrite 3F Foam 25 x 70 x 5mm, individually wrapped, peel away adhesive strip on the back.
- Daubrite Foam Sheets 250 x 250 x 8mm, individually cut.

## VCI Chips

0.76mm & 1.52mm chipboard coated with Daubrite Cromwell corrosion inhibitor formulations and cut in convenient 2.5cm x 2.5cm & 5cm x 5cm pieces.

- Nox-Rust® Vapor Wrapper chips protect steel, cast iron, and ferrous metals.
- Uniwrap® MPI chips for ferrous/non-ferrous metals and combinations of metals.
- 2.5cm x 2.5cm chip protects 410cm<sup>3</sup>, 5cm x 5cm chip protects 1639cm<sup>3</sup>

## Daubrite Disk Emitters



Daubrite 1 Packets and VCI Chips

## Daubrite Foam



PRODUCT	PROTECTS	UNITS/PKG.	SIZE	DESCRIPTION
<b>Daubrite 1 Packet</b>	0.028m <sup>3</sup>	250	40 x 75mm White	White packets with blue print.
<b>Daubrite 3F Foam</b>	0.028m <sup>3</sup>	50	2.5cm x 7.5cm Foam, Blue	Adhesive-backed VCI foam, individually wrapped in clear poly.
<b>Daubrite Foam Open Cell Foam</b>	0.022m <sup>3</sup>	250	25 x 70 x 5mm	Cut squares of blue VCI foam for cushioning polished metal surfaces.
<b>Daubrite 5 Disk</b>	0.14m <sup>3</sup>	50	55.6 x 4mm	Self-stick VCI emitter, white, labeled, packed 50 per case.
<b>Daubrite 10 Disk</b>	0.28m <sup>3</sup>	50	55.6 x 6.3mm	Self-stick VCI emitter, white, labeled, packed 50 per case.

\*Maximum protection when used in a dry, non-aerated environment.

# VCI POWDERS

## Nox-Rust Powders

- Safe and environmentally friendly
- Does not contain phosphates, heavy metals or nitrites
- Silica-free
- Water-soluble
- Typically does not require any special surface preparation prior to equipment shutdown.
- No need to remove before restarting equipment
- Use wet or dry
- Ideal for extended periods of equipment inactivity, during storage or lay-up, during and after hydrostatic testing.



### POWDERS Nox-Rust®

<b>1000SF</b>	Ferrous	Silica-free, water soluble powder for protecting equipment during storage or lay-up or hydrostatic testing. Environmentally friendly; does not contain phosphates, heavy metals or nitrites. Apply by dusting, fogging, or dissolve in water. No need to remove before restarting the unit after shut-down.
<b>1000SFG</b>	Ferrous	Finely ground version of 1000SF. Use in applications where a fine powder is needed.
<b>1010SFG</b>	Best for copper and brass	Silica-free, water soluble, finely ground powder. Use wet or dry. Compatible with copper, brass and galvanized steel. Does not need to be removed prior to equipment restart.

PRODUCT	PROTECTS	UNITS/PKG.	SIZE	DESCRIPTION
<b>Nox-Rust® 1015 Pouch Emitter</b>	0.42m <sup>3</sup>	—	9.5 x 10cm	White packets with black print



Powders sold in 2.2 kg, 11.3 kg, and 68 kg boxes; as pouch emitters Nox-Rust 1015 for 0.42m<sup>3</sup> of space, Nox-Rust 1000 SF for 900 ft<sup>3</sup> of space.

## ENVIRONMENTALLY FRIENDLY

Since 1948, the Daubert company family has earned a reputation as an environmentally responsible provider of clean and effective VCI packaging materials. Today, Daubert Cromwell and its subsidiaries in China, Europe, Brazil and Mexico continue to meet the challenges of new international regulations and directives assuring the use of safe and environmentally friendly products.

### MASTER VCI SHIELD®

#### GREEN VCI PAPER

Proprietary Daubert Cromwell vapor corrosion inhibitor formulation stops rust and corrosion on ferrous/non-ferrous combinations, including cadmium and zinc galvanized steel.

#### Environmental Benefits:

- Made from recycled paper
- Cost-effective



Cost-effective in sheets & rolls

### RUST REVENGE® RUST REMOVER

**Water-Based Soaking Solution**  
Washes Rust Away,  
Without Scrubbing!



### CLEARPAK® NITRITE-FREE VCI FILMS

Innovative corrosion inhibiting film that combines superior rust protection with the highest level of care for the environment and worker safety.

**CLEARPAK 5000**  
For protection of ferrous metals, steel and aluminum

**CLEARPAK BIO**  
Bio-based VCI for protection of ferrous metals



### NOX-RUST® EV9 BIODEGRADABLE COATING

**Bio-Based Corrosion Preventive Coating**  
Soybean-Based,  
Biodegradable.



Daubert Europe is committed to setting new standards in the development of packaging solutions for a wide range of customers in markets where corrosion prevention is critical.



Our global team of technical experts will work with you to identify and resolve corrosion issues, provide effective packaging, and cut your cost of corrosion.



**PRODUCT • PERFORMANCE • QUALITY**

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