DAUBERT CROMWELL
The Leading Name in Corrosion Prevention®

VCI PAPERS

FILMS

EMITTERS

LIQUIDS & POWDERS
Quality manufacturers have trusted Daubert Cromwell products for more than 75 years 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 Cromwell operates from a state-of-the-art manufacturing center conveniently located in suburban Chicago. All manufacturing and shipping functions, plus sales management, customer service, technical and financial offices are headquartered in Alsip, Illinois.

Regional sales managers are strategically located throughout the U.S. In addition, a global sales team coordinates customer requirements in:
- Mexico
- China
- Southeast Asia
- Japan
- India
- Europe
- Australia
- South America

and wherever customers need Daubert Cromwell corrosion preventive packaging for their valuable metals.

“YOUR ONE SOURCE FOR EVERY VCI SOLUTION”
Consistent quality... exemplary service... innovative solutions, these are the strengths that make Daubert Cromwell industry’s first choice for protective packaging.

“Daubert Cromwell will strengthen and build its core competency as a specialist in corrosion prevention packaging for industry with products and services that satisfy the evolving requirements of our global customers.”
CORROSION INHIBITOR PACKAGING PAPERS

Selecting the Right VCI Paper
Daubert Cromwell offers a wide range of VCI packaging papers to meet the unique anti-corrosion requirements of metal fabricators, suppliers, shippers and end users.

- Using 100% virgin kraft paper
- Odorless, safe, non-toxic, recyclable
- Neutral pH
- VCI protection sets up quickly
- Easy to use

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

- Ferrous metals, including those requiring military-specified VCI paper packaging
- Galvanized
- Multi-metals, and 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 resistance to 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
- Cropped

Custom Printing
Daubert Cromwell can custom-print paper with your logo for easy brand identification to your customers. Your logo, instructions, or message appears in crisp, clear detail.

ROHS Compliant
Daubert Cromwell is a U.S. Government approved supplier of products qualified for critical U.S. Military applications.

For complete product information, specific recommendations and selection assistance, call +1-708-293-7750, 800-535-3535, or e-mail info@daubertcromwell.com
<table>
<thead>
<tr>
<th>BRAND</th>
<th>PRODUCTS</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nox-Rust&lt;sup&gt;®&lt;/sup&gt; Vapor Wrapper&lt;sup&gt;®&lt;/sup&gt;</td>
<td>VW35D</td>
<td>35 lb./57 gsm natural kraft. Long-term protection of ferrous metals including steel and iron. VW35DH is nitrite-free.</td>
</tr>
<tr>
<td></td>
<td>VW60D</td>
<td>60 lb./98 gsm natural kraft. Provides excellent strength and tear resistance. Ideal for packaging heavier parts. VW60DH is nitrite-free.</td>
</tr>
<tr>
<td></td>
<td>VW100D</td>
<td>Two 40 lb./65 gsm natural kraft sheets laminated with polyethylene. Strong, tear resistant. Excellent moisture barrier. Nitrite-free.</td>
</tr>
<tr>
<td></td>
<td>PC55D PC75D</td>
<td>40 lb./65 gsm natural kraft coated with polyethylene. Provides moisture barrier. PC75D is 60 lb./98 gsm for use when greater tear strength and puncture resistance are required. Both are nitrite-free.</td>
</tr>
<tr>
<td>Protek Wrap&lt;sup&gt;®&lt;/sup&gt;</td>
<td>PW30, 30F</td>
<td>30 lb./49 gsm natural kraft. General protection for ferrous metals. PW30H and 30F are nitrite-free.</td>
</tr>
<tr>
<td></td>
<td>PW32, 35F</td>
<td>35 lb./57 gsm natural kraft. PW32H and 35F are nitrite-free.</td>
</tr>
<tr>
<td></td>
<td>PW60, 60W</td>
<td>60 lb./98 gsm natural kraft. PW60H and 60W are nitrite-free.</td>
</tr>
<tr>
<td></td>
<td>PW33</td>
<td>35 lb./57 gsm natural kraft with specially formulated wax for enhanced molding and barrier properties. Ideal for hand-wrapping small parts. PW33H is nitrite-free.</td>
</tr>
<tr>
<td></td>
<td>40PCF 60PCF</td>
<td>40 lb./65 gsm natural kraft coated with polyethylene for moisture barrier protection and package strength. 60PCF is 60 lb./98 gsm. Both are nitrite-free.</td>
</tr>
<tr>
<td>Ferro-Galv&lt;sup&gt;®&lt;/sup&gt;</td>
<td>30FG 35FG 40FG 60FG</td>
<td>30 lb./49 gsm natural kraft specially formulated for galvanized metal applications. Also available in 35 lb., 40 lb., and 60 lb. natural kraft papers.</td>
</tr>
<tr>
<td></td>
<td>VW60H</td>
<td>60 lb./98 gsm natural kraft. Medium duty class 2, style A, form b. NSN 8135-00-664-4012</td>
</tr>
<tr>
<td></td>
<td>7090</td>
<td>70 lb./114 gsm, heavy duty class 1, style A, form b. Nitrite-free. NSN 8135-00-664-4010.</td>
</tr>
<tr>
<td>Coppertex&lt;sup&gt;®&lt;/sup&gt;</td>
<td>CPTX</td>
<td>35 lb./57 gsm natural kraft. Protects copper, brass, bronze, and other copper alloys. Use as a wrap and for interleaving.</td>
</tr>
<tr>
<td>Silver Saver&lt;sup&gt;®&lt;/sup&gt; Silver-Guard</td>
<td>SS60</td>
<td>40 lb./65 gsm bleached kraft. Prevents tarnish on silver, gold and noble metals. Nitrite-free. SS60 is a 50 lb./81 gsm sheet. Silver-Guard Anti-Tarnish Paper is poly-coated.</td>
</tr>
<tr>
<td>Alumitech&lt;sup&gt;®&lt;/sup&gt;</td>
<td>Alumitech</td>
<td>35 lb./57 gsm 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. Nitrite-free.</td>
</tr>
<tr>
<td>Uniwrap&lt;sup&gt;®&lt;/sup&gt; MPI</td>
<td>UW30MPI UW35MPI UW40MPI UW60MPI</td>
<td>30 lb./49 gsm natural kraft. Multi-purpose corrosion inhibitor for ferrous/non-ferrous metals and combinations of metals, including cadmium and zinc galvanized steel. Also available in 35 lb., 40 lb., 60 lb. papers, chips and other substrates.</td>
</tr>
<tr>
<td></td>
<td>UW33MPI</td>
<td>35 lb./57 gsm natural kraft, wax coated, provides excellent moldability and barrier properties.</td>
</tr>
<tr>
<td></td>
<td>UW200</td>
<td>35 lb./57 gsm natural kraft, multi-purpose corrosion inhibitor for a combination of ferrous/non-ferrous metals. Nitrite-free.</td>
</tr>
<tr>
<td></td>
<td>40PCMPI 60PCMPI</td>
<td>40 lb./65 gsm natural kraft coated with polyethylene for moisture barrier protection and package strength. 60PCMPI is 60 lb./98 gsm natural kraft, poly-coated.</td>
</tr>
<tr>
<td></td>
<td>PC50MPI Scrim PC50H Scrim</td>
<td>50 lb./81 gsm natural kraft with LDPE reinforced with tri-directional scrim. Designed as sheathing and interleaving between heavy steel rolls and pallets. PC50H is nitrite-free.</td>
</tr>
<tr>
<td></td>
<td>Steelwrap MPI</td>
<td>40 lb./65 gsm natural kraft treated one side, laminated with reinforcement and polyethylene to a 50 lb./81 gsm natural kraft. Provides heavy duty moisture resistance and strength for wrapping steel coils.</td>
</tr>
<tr>
<td></td>
<td>Woven Ferro-Galv</td>
<td>40 lb./65 gsm natural kraft laminated to woven polyethylene/polypropylene, VCI treated. Provides maximum strength and tear resistance.</td>
</tr>
</tbody>
</table>

Other VCI papers, constructions and types are available. All of these formulations also available on 30 pt. chipboard, in cut-to-size chips. See pg 11.
CORROSION INHIBITOR PACKAGING FILMS

Daubert Cromwell 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 Cromwell 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.

- 1–8 mil 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 formulations.

Stretch and Shrink Film
VCI films offer the handling ease of polyethylene with the corrosion protection of Daubert Cromwell’s proven chemistry.

Anti-Tarnish Film
Packaging and storing precious silver in see-through, reclosable Silver-Guard™ film and bags is the convenient, effective way to prevent tarnish.

Broad Selection
All Daubert Cromwell VCI films are available in stock and custom sizes to meet your specific application:

- Flat 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 Cromwell about more product options and custom film products, including:

- High strength, puncture-resistant, tear-resistant films
- UV stable shrink and barrier films
- VCI-lined fabric bags and shrouds
- Bonnets and covers
- Custom colors

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

Anti-Tarnish Solutions
The Silver-Guard brand family includes Anti-Tarnish Blocks for preserving jewelry and collectibles inside display cases; and as SG paper, a bleached kraft substrate, poly coated.
<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>DESCRIPTION</th>
<th>PROTECTION</th>
<th>THICKNESS</th>
<th>FLAT BAGS</th>
<th>ZIPPER BAGS</th>
<th>PERF'D ON ROLL</th>
<th>GUSSET BAGS</th>
<th>SHEETING</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Premium Metal-Guard</strong></td>
<td>Heat sealable, LDPE film with proprietary blend of contact and volatile corrosion inhibitors in the film. Standard Daubert blue; other colors by custom order. Available in sheeting; resealable, flat and gusseted bags; stretch films; shrink films with UV properties; masking films; high strength formulation options.</td>
<td>Multi-metal protection</td>
<td>3, 4, 6 mil are standard; Other thicknesses by custom order.</td>
<td>4&quot; x 6'</td>
<td>3&quot; x 5'</td>
<td>18&quot; x 24'</td>
<td>-</td>
<td>36&quot; x 500 ft.</td>
</tr>
<tr>
<td><strong>Ferro-Film</strong></td>
<td>Heat sealable LDPE film with contact and volatile corrosion inhibitors blended in the film. Standard green. Other colors by custom order. Ferrous metals</td>
<td>4 mil is standard. Other thicknesses by custom order.</td>
<td>Call for quote</td>
<td>-</td>
<td></td>
<td></td>
<td>-</td>
<td>36&quot; x 500 ft.</td>
</tr>
<tr>
<td><strong>Ferro-Film XP</strong></td>
<td>Specially constructed, high strength, puncture resistant, VCI film is on the Dept. of Defense Qualified Products List for MIL-PRF-22099/22020. Clear film with yellow, military required print.</td>
<td>Ferrous metals</td>
<td>5 mil standard.</td>
<td>Call for quote</td>
<td></td>
<td></td>
<td>-</td>
<td>48&quot; x 500 ft.</td>
</tr>
<tr>
<td><strong>Clear Pak</strong></td>
<td>Nitrite-free, heat sealable, LDPE film with proprietary corrosion inhibitors blended into the film. Standard in Daubert blue, plus custom colors.</td>
<td>CP2000= For Ferrous metal</td>
<td>4 mil standard. Other thicknesses by custom order</td>
<td>Call for quote</td>
<td></td>
<td></td>
<td>-</td>
<td></td>
</tr>
<tr>
<td><strong>X-O Wrap Shrink Film</strong></td>
<td>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 32'.</td>
<td>PMG X-O Wrap for multi-metals;</td>
<td>6-10 mil standard.</td>
<td>Call for quote</td>
<td></td>
<td></td>
<td>-</td>
<td>240&quot; x 100 ft.</td>
</tr>
<tr>
<td><strong>Metal Guard</strong></td>
<td>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.</td>
<td>Ferrous metals.</td>
<td>CP3000= For Multi-metal</td>
<td></td>
<td></td>
<td></td>
<td>-</td>
<td>240&quot; x 100 ft.</td>
</tr>
<tr>
<td><strong>VCI Masking Film</strong></td>
<td>A pressure sensitive adhesive film that protects metal surfaces against scratches, marring and corrosion. Applies easily, leaves no residue.</td>
<td>Multi-metal protection.</td>
<td>2 mil standard; Roll widths 3&quot; to 80&quot;</td>
<td>-</td>
<td></td>
<td></td>
<td>-</td>
<td></td>
</tr>
<tr>
<td><strong>VCI Stretch Film</strong></td>
<td>Film has excellent clarity and cling properties. Strong, puncture-resistant. Designed to secure and protect irregular loads.</td>
<td>Multi-metal protection.</td>
<td>Standard in 60 gauge and 100 gauge.</td>
<td>-</td>
<td></td>
<td></td>
<td>-</td>
<td>18&quot; x 1,500 ft.</td>
</tr>
<tr>
<td><strong>Silver-Guard</strong></td>
<td>Heat sealable, LDPE film with anti-tarnish properties. Nitrite-free. Standard 2 mil sheeting and tags.</td>
<td>Anti-tarnish protection for silver.</td>
<td>2 mil standard.</td>
<td>Call for quote</td>
<td></td>
<td></td>
<td>-</td>
<td>20' x 1,500 ft.</td>
</tr>
<tr>
<td><strong>Nox-Rust Poly Wrap</strong></td>
<td>All-poly fabric for wrapping steel coils, sheeting, pallets and equipment. Woven polyethylene structure (8x8 weave) impregnated with VCI. Good sealand. Recyclable.</td>
<td>Ferrous/ non-ferrous protection.</td>
<td>Up to 84&quot; wide.</td>
<td>Call for quote</td>
<td></td>
<td></td>
<td>-</td>
<td>20' x 5,000 ft.</td>
</tr>
</tbody>
</table>

Other VCI film constructions and types available. For complete information, call +1-708-293-7750, 800-535-3535, or email info@daubertcromwell.com
WATER-BASED, ACID-FREE, FAST-ACTING RUST REMOVERS

EVAPO-RUST®:

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

Typical Applications:
- Engines
- Gears, Bearings
- Automotive
- Machine Shops
- Manufacturing
- Tools, Spare Parts
- One gallon de-rusts up to 300 lbs. of moderately rusted steel

Features:
- Water-based, non-hazardous.
- Safe on multi-surfaces.
- Will not harm paint or rubber.
- No VOC's or HAP's.
- No acids or bases.
- Non-toxic, biodegradable.
- Easy to use. No special handling required.

Nox-Rust Premium Rust Removing Gel:

Nox-Rust Premium Rust Removing Gel is a water-based, fast-acting, brush-on gel that 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 is completely dissolved, 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
- Hand rails, posts, racks
- Lockers, bleachers, bathroom partitions.
- Metal cabinets, walls, dividers
- Automotive parts
- Tools

CORROSION PREVENTIVE LIQUIDS AND POWDERS

Nox-Rust® 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 protect
- Method of application
- 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

Nox-Rust Powders

- Safe and environmentally friendly. Does not contain phosphates, heavy metals or nitrates.
- 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.

This selection guide to Daubert Cromwell liquids and powders is intended for general reference only. For complete product information, specific recommendations and selection assistance, call +1-708-293-7750, 800-535-3535, or e-mail info@daubertcromwell.com.
<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>METAL PROTECTION</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>3100</td>
<td>Steel; compatible with non-ferrous metals.</td>
<td>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.</td>
</tr>
<tr>
<td>5100</td>
<td>Steel; compatible with non-ferrous metals.</td>
<td>Outdoor corrosion protection. Dries as a black, dry, firm film. Remove with solvent/alkaline cleaner. Conforms to MIL-PRF-16173E, Grade 1, Class 1.</td>
</tr>
<tr>
<td>5200†</td>
<td>Steel; compatible with non-ferrous metals.</td>
<td>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.</td>
</tr>
<tr>
<td>5300†</td>
<td>Steel; compatible with non-ferrous metals.</td>
<td>Brown, oily film displaces water and saline solutions to keep corrosion from forming on metal surfaces inside closed systems. Completely miscible with lubricating oils.</td>
</tr>
<tr>
<td>8500</td>
<td>Steel; compatible with non-ferrous metals.</td>
<td>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.</td>
</tr>
<tr>
<td>9000</td>
<td>Steel and other metals in closed systems; compatible with copper, brass.</td>
<td>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.</td>
</tr>
<tr>
<td>1100</td>
<td>Ferrous; iron, steel.</td>
<td>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.</td>
</tr>
<tr>
<td>1101†</td>
<td>Steel, iron, zinc, aluminum.</td>
<td>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.</td>
</tr>
<tr>
<td>1200</td>
<td>Steel and other metals in closed systems; compatible with copper, brass.</td>
<td>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 nitrates. 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.</td>
</tr>
<tr>
<td>9800</td>
<td>Steel, iron, zinc, aluminum.</td>
<td>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.</td>
</tr>
<tr>
<td>4101</td>
<td>Outdoor storage and transport protection for steel, zinc.</td>
<td>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.</td>
</tr>
<tr>
<td>5400†</td>
<td>Cold rolled steel; sheet metal stamping; automotive parts.</td>
<td>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.</td>
</tr>
<tr>
<td>7100†</td>
<td>Steel; compatible with brass, aluminum, copper.</td>
<td>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-dissolvable film. Removal not required.</td>
</tr>
<tr>
<td>7800</td>
<td>Steel; metalworking, precision parts.</td>
<td>Ideal lubricant for high precision equipment and parts. Compatible with barium lube grease. Excellent lubricating oil for assembly parts.</td>
</tr>
<tr>
<td>9300</td>
<td>Steel</td>
<td>Final rinse additive. Retards corrosion during shipment and storage of machined parts, tools, treated steel and assemblies. Water-displacing.</td>
</tr>
<tr>
<td>9700</td>
<td>Steel</td>
<td>Synthetic, water-based fluid. Removes dirt, debris from steel before mill oils are applied.</td>
</tr>
<tr>
<td>EV9</td>
<td>Ferrous/ non-ferrous.</td>
<td>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.</td>
</tr>
</tbody>
</table>

*Sold in 5-gallon pails and 55-gallon drums. †Also sold in 11 oz. aerosols.*

**POWERS**

<table>
<thead>
<tr>
<th>PRODUCT</th>
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<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000SF</td>
<td>Ferrous</td>
<td>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 nitrates. Apply by dusting, fogging, or dissolve in water. No need to remove before restarting the unit after shut-down.</td>
</tr>
<tr>
<td>1000SFG</td>
<td>Ferrous</td>
<td>Finely ground version of 1000SF. Use in applications where a fine powder is needed.</td>
</tr>
<tr>
<td>1010SFG</td>
<td>Best for copper and brass</td>
<td>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.</td>
</tr>
</tbody>
</table>

*Sold in 5 lb., 25 lb. and 150 lb. quantities.*
Versil-Pak is a flexible, greaseproof, waterproof barrier wrap for protecting underground piping in corrosive or severe environments. It works as a total barrier against high moisture, acidity, bacterial attack or galvanic attack, which contribute to pipeline corrosion. Versil-Pak locks out soil, grease, dust, and contaminants.

Versil-Pak is made with a carefully selected fabric saturated and coated with a high adhesion adhesive wax, as well as a high barrier plastic film. It is designed to combine high tensile strength, good moldability, excellent dead-fold, and high dielectric strength. It conforms to nearly any industrial surface, including hard-to-reach welds and threads, straps, yokes, joints, and valves.

It is ideal for use as a tight wrap around underground piping, pumps and irregular shapes on oil field machinery, large electric motors, and wherever buried equipment needs strong barrier and dielectric protection.

Two types of Versil-Pak pipe wrap meet the requirements of military specification MIL-B-121.

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1</td>
<td>Heavy weight woven cotton fabric coated both sides with highly formulated adhesive wax.</td>
</tr>
<tr>
<td>#3-1</td>
<td>Medium weight open mesh cotton fabric coated 1 side with high adhesion wax, laminated to barrier film.</td>
</tr>
<tr>
<td>#3-2</td>
<td>Medium weight cotton fabric coated 2 sides with high adhesion wax, laminated to barrier film.</td>
</tr>
<tr>
<td>#4</td>
<td>Heavy mesh cotton fabric coated with high adhesion wax and laminated to barrier film.</td>
</tr>
<tr>
<td>#5-1</td>
<td>Polyester high-strength fabric, waxed 1 side, laminated to barrier film and wax coated. MIL-B-121 Type 1, Grade C, Class 1</td>
</tr>
<tr>
<td>#5-2</td>
<td>Polyester high-strength fabric, waxed 2 sides, laminated to barrier film and wax coated. MIL-B-121 Type 1, Grade C, Class 2</td>
</tr>
</tbody>
</table>

Sold in 36" x 50 yd. and 36" x 100 yd. rolls.
DAUBRITE® EMITTERS

Daubrite emitters are corrosion-preventive devices 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

Each Daubrite device emits protective vapors into the space to form an invisible layer on the surface of the metal and prevent moisture, salt, dirt, oxygen and other contaminants from depositing on it, causing corrosion. They are specially formulated to be effective on steel and multi-metal parts.

Emitters are safe, economical, easy to use, and the corrosion protection lasts for years, even in the presence of moisture.

Choose from a variety of styles:

**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 5 cu. ft. for up to 24 months*
  - NSN 6850-01-406-2060
- **Daubrite 10** protects 10 cu. ft. for up to 24 months*
  - NSN 6850-01-406-9025

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

**Daubrite Packets**
- Sturdy, tear-resistant construction.
- Lightweight, economical.
- Protects even in the presence of moisture.
- Each Daubrite 1 protects metals in 1 cu. ft. of enclosed space.

**Daubrite Foam**
- Provides cushioning for delicate and sensitive components.
- Soft and abrasion resistant, won’t harm polished finishes.
- Available in rolls, 10” x 10” squares; individually wrapped, adhesive-backed pieces; cut-to-length pieces; special constructions; closed cell foams and laminations.

**VCI Chips**
30 pt. chipboard coated with Daubert Cromwell corrosion inhibitor formulations and cut in convenient 1” x 1”, 2” x 2” and pieces.
- Nox-Rust® Vapor Wrapper chips for protecting iron, steel, cast iron, and ferrous metals.
- Uniwrap® MPI chips for ferrous/non-ferrous metals and combinations of metals.
- 1” x 1” chip protects 25 cu. in.; 2” x 2” chip protects 100 cu. in.

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<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>PROTECTS</th>
<th>UNITS/PKG.</th>
<th>SIZE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Daubrite 1 Packet</td>
<td>1 cu. ft.</td>
<td>250</td>
<td>1 1/2&quot; x 3&quot; Packet, White</td>
<td>White packets with blue print.</td>
</tr>
<tr>
<td>Daubrite 3F NEW Foam</td>
<td>1 cu. ft.</td>
<td>50</td>
<td>1&quot; x 3&quot; Foam, Blue</td>
<td>Adhesive-backed VCI foam, individually wrapped in clear poly.</td>
</tr>
<tr>
<td>Daubrite Foam Open Cell Foam</td>
<td>8 cu. ft.</td>
<td>250</td>
<td>10&quot; x 10&quot; x 1/4&quot;</td>
<td>Cut squares of blue VCI foam for cushioning polished metal.</td>
</tr>
<tr>
<td>Daubrite 5 Disk</td>
<td>5 cu. ft.</td>
<td>50</td>
<td>2.19 Round x .16&quot;</td>
<td>Self-stick VCI emitter, white, labeled, packed 50 per case.</td>
</tr>
<tr>
<td>Daubrite 10 Disk</td>
<td>10 cu. ft.</td>
<td>50</td>
<td>2.19 Round x .25&quot;</td>
<td>Self-stick VCI emitter, white, labeled, packed 50 per case.</td>
</tr>
</tbody>
</table>

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Quality manufacturers have relied on Daubert Cromwell products for more than 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