

# Product Data

# ALUMITEX® Corrosion Inhibitor VCI Paper

## Description



Alumitex (AT-35) is a 35 lb/ream (57 g/m<sup>2</sup>) natural kraft saturated throughout with Daubert Cromwell's proprietary volatile corrosion inhibitor (VCI) formulation which provides contact corrosion protection to ferrous and many non-ferrous metals including aluminum, galvanized steel and lead alloys such as solder and babbitt metal. Provides full protection against water spotting and contact oxidation in aluminum.

Alumitex has corrosion inhibitors on both sides of the paper. It is un-printed packaging, to avoid any possible ink transfer onto the metal being protected.

## Features



### ***Proven Daubert Cromwell corrosion inhibitor chemistry***

- Metals protected: Aluminum, mild carbon steel, zinc and zinc galvanized.
- Safe and easy to use; no special handling required
- Nitrite-free, OEM-approved
- No heavy metals, chromates, phosphates, or secondary amines
- Replaces oil, grease, and traditional corrosion prevention methods
- Parts remain clean, dry and ready to use immediately
- RoHS compliant
- Compatible with Daubert Cromwell rust preventive liquids, emitters and films
- Available in rolls, cut sheets, custom sizes
- Fully recyclable and repulpable

## Typical Applications



### ***Transport, export, storage of:***

- Aviation and aerospace parts and spares
- Engine components and assemblies
- Aluminum and aluminum alloys
- Automotive parts and equipment
- Brake parts, shafts, hubs, gears
- Machined parts – connectors, valves, plates
- Fittings, door parts and frames



**DAUBERT CROMWELL**  
The Leading Name in Corrosion Prevention®

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# Technical Data

# ALUMITEX® Corrosion Inhibitor VCI Paper

## Physical Data

Physical Properties*		Typical Values	
	Units	Typical Value	Test Method
Finished Basis Weight	lb/ream (g/m <sup>2</sup> )	40 (65)	T-410
Caliper (thickness)	mil (μm)	4.1 (104)	T-411
Mullen Burst Strength	psi (kPa)	30 (206)	T-403

		Machine Direction	Cross Direction	
Elmendorf Tear Strength	g/ply (N/ply)	70 (0.69)	82 (0.80)	T-414
Tensile Strength	lb/in (kN/m)	24 (4.2)	14 (2.45)	T-404
Elongation	%	1	2	T-494

### Protection Time

Inside Dry Storage 24 months minimum

Mild Carbon Steel	Provides full protection in contact with part to be protected.
Aluminum (1100)	Provides full protection against water spotting and contact oxidation.
Zinc or Zinc Galvanized Steel	Provides full protection in contact with part to be protected.
Copper	Not recommended, but passive. Pretest for compatibility. Coppertex® or UWMPI or Uniwrap® 200 recommended.
Brass <sup>1</sup>	Not recommended, but passive. Pretest for compatibility. Coppertex or UWMPI or Uniwrap 200 recommended.
Bronze	Not recommended, but passive. Pretest for compatibility. Coppertex or UWMPI or Uniwrap 200 recommended.
Silver	Not recommended. Silver Saver® recommended
Category A <sup>2</sup>	Not recommended.
Category B <sup>3</sup>	Not recommended.

- 1 Brass alloys in the "red area containing up to 20% zinc will act like copper; brass in the "white" area containing over 20% zinc will act like Category A metals.
- 2 Category A metals include zinc, cadmium, nickel, cadmium-plated steel, and nickel-plated steel. These are prone to contact corrosion sensitivity with inhibitor chemicals, but will protectd as shown in the vapor phase.
- 3 Category B metals include lead, antimony, Babbitt alloys, solder, magnesium or magnesium alloys.
- 4 "Not recommended" does not indicate incompatibility. Compatibility testing is always recommended. Our "Not recommended" rating indicates that there may be more effective Daubert Cromwell products for these applications. Your sales representative can help recommend the optimal product for specific applications.

## Storage

Store in a cool, dry place, away from direct sunlight. Do not store outdoors, in high humidity, or at temperature above 80°F (27°C).

## Shelf Life

24 months from date of shipping, stored in the original shipping container used by Daubert Cromwell and not in high humidity and not at high temperatures, or stored outside

## Approvals

RoHS, OEM Approved



**WARRANTY** The data, statements and recommendations in this product specification sheet are based on testing, research and other development work, which has been carefully conducted by us, and we believe such data, statements and recommendations will serve as reliable guidelines. Physical properties shown above represent typical values and are not intended for use in writing specifications. However, this product is subject to numerous uses under varying conditions over which we have no control, and accordingly, we do NOT warrant that this product is suitable for any particular use. Users are advised to test the product in advance to make certain it is suitable for their particular production conditions and use. All products manufactured by us are warranted to be first class material and free from defects in material and workmanship. Liability under this warranty is limited to the net purchase price of any

such products proven defective or, at our option, to the repair or replacement of said products upon their return to us transportation prepaid. All claims on defective products must be made in writing within 30 days after the receipt of such products in your plant and prior to further processing or combining with other material and products. We make no warranty, express or implied, as to the suitability of any of our products for any particular use, and we shall not be subject to liability from any damages resulting from their use in operations not under our direct control. This warranty is exclusive of all other warranties, express or implied, and no representative of ours or any other person is authorized to assume for us any other liability in connection with the sale of our products.