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**NOX-RUST® VAPOR WRAPPER®****VW60H****PRODUCT DESCRIPTION**

A 60 lb./ream (98 g/m<sup>2</sup>) natural kraft, saturated one side with U.S. Dept of Defence approved Daubert®'s nitrite-free volatile corrosion inhibitor (VCI) formulation. Approved by the Dept. of Defense and on the Qualified Products List (QPL) for Mil-P-3420 H, Class 2, Style A, Form b. (Medium duty, kraft, flat carrier impregnated with corrosion inhibitor.)

**PHYSICAL PROPERTIES**

Coating Deposition: 6.5 lb./ream (11 g/m<sup>2</sup>) minimum

<u>Property</u>	<u>Units</u>	<u>Typical Value</u>		<u>Test Method</u>
Basis Weight	lb./ream (g/m <sup>2</sup> )	70 (113)		T-410
Caliper	mil (µm)	7 (178)		T-411
Mullen Burst	psi (kPa)	60 (414)		T-403
		<u>MD</u>	<u>CD</u>	<u>Test Method</u>
Elmendorf Tear	g/ply (N/ply)	150 (1.47)	168 (1.65)	T-414
Tensile Strength	lb./in (kN/m)	45 (7.9)	20 (3.5)	T-404
Elongation	%	2	3	T-494

**INHIBITOR PROTECTION**

Classified as six months protection when stored outside and properly protected from moisture and other environmental elements; 24 months minimum, inside dry storage.

**Metal****Corrosion Protection**

Mild Carbon Steel

Provides full protection in contact and vapor phases in compliance with Mil-P-3420G.

Aluminum (1100)

Compatible, light protection in contact and vapor phases.

Zinc or Zinc Galvanized Steel

Not recommended<sup>4</sup>. May provide light protection. UWA or Uniwrap® 200 recommended.

**NOX-RUST<sup>®</sup> VAPOR WRAPPER<sup>®</sup>**

**VW60H**

**Metal**

**Corrosion Protection**

Copper, Copper Alloys

Compatible. Coppertex<sup>®</sup> or UWA or Uniwrap 200 recommended.

Brass, Brass Alloys<sup>1</sup>

Compatible. Coppertex or UWA or Uniwrap 200 recommended.

Bronze, Bronze Alloys

Compatible. Coppertex or UWA or Uniwrap 200 recommended.

Silver

Not recommended<sup>4</sup>. Silver Saver<sup>®</sup> recommended

Category A<sup>2</sup>

Not recommended<sup>4</sup>.

Category B<sup>3</sup>

Not recommended<sup>4</sup>.

- 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 and 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 be protected 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 VCI<sup>®</sup> products for these applications. Your sales representative can help recommend the optimal product for specific applications.

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The data, statements and recommendations in this product information 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.

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