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NOX RUST® VAPOR WRAPPER®
VW302H VCI Chips

PRODUCT DESCRIPTION

A 30 point bending chipboard, saturated two sides with Daubert Cromwell's ferrous, nitrite-free, volatile corrosion inhibitor (VCI) formulation. Designed for metal parts packaging.

PHYSICAL PROPERTIES

Caliper: 30 mils (762 μm)

Recommended Usage

1" x 1" chip: up to 25 cu. in. void space
2" x 2" chip: up to 100 cu. in. void space
5" x 5" chip: up to 600 cu. in. void space

INHIBITOR PROTECTION

Chips properly used are classified as 24 months protection in a dry, enclosed atmosphere.

Metal	Corrosion Protection
Mild Carbon Steel, Cast Iron	Provides protection in contact and vapor phases.
Aluminum (1100)	Compatible, light protection in contact and vapor phases.
Zinc or Zinc Galvanized Steel	Not recommended[4]. May provide light protection. UWA or Uniwrap® 200 or VW302UWA VCI chips recommended.
Copper	Compatible. Coppertex® or UWA or Uniwrap 200 or VW302UWA VCI chips recommended.
Brass[1]	Compatible. Coppertex or UWA or Uniwrap 200 or VW302UWA VCI chips recommended.
Bronze	Compatible. Coppertex or UWA or Uniwrap 200 or VW302UWA VCI chips recommended.
Silver	Not recommended[4]. Silver Saver® recommended.
Category A[2]	Not recommended[4].
Category B[3]	Not recommended[4].

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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 Cromwell VCI® products for these applications. Your sales representative can help recommend the optimal product for specific applications.

03/13: SMD

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.

WARRANTY – 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.