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Technical Data

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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: 25 cu. in. void space
2" x 2" chip: 100 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 recommended⁴. UWMPI or Uniwrap 200 or VW302MPI chips recommended.

Copper

Not recommended⁴. Coppertex, UWMPI, Uniwrap 200 or VW302MPI chips recommended.

Brass

Not recommended⁴. Coppertex, UWMPI, Uniwrap 200 or VW302MPI chips recommended.

Bronze

Not recommended⁴. Coppertex, UWMPI, Uniwrap 200 or VW302MPI chips recommended.

Silver

Not recommended⁴. Silver Saver[®] recommended.

Category A¹

Not recommended⁴.

Metal**Corrosion Protection**Category B²Not recommended⁴.

- 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 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 products for these applications. Your sales representative can help recommend the optimal product for specific applications.

SMD:2/05/04
TD-1012

REV. 4/07 CB

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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