



Technical Data

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DAUBRITE[®] 10 DISK VCI EMITTER **NSN (NATO STOCK NUMBER): 6850-01-408-9025**

PRODUCT DESCRIPTION

The Daubrite[®] 10 Disk VCI emitter is a round, non-woven fabric device containing Daubert Cromwell multi-metal volatile corrosion inhibitor (VCI) formulation for corrosion protection in a 10 cubic foot volume. When installed in packaging environments or enclosures, the Daubrite 10 Disk VCI emitter releases VCI vapors that fill the air space and deposit on exposed metal surfaces, protecting the metal from corrosion.

PHYSICAL PROPERTIES

Property	Typical Value
Corrosion Inhibitor Weight	12 grams (min.)
Protection Volume	10 cubic feet (10 ft ³)
Total Product Weight	15.3 grams (avg.)
Dimensions:	
Diameter (inches)	2 3/16"
Thickness (inches)	1/4"

INHIBITOR PROTECTION

Classified as 24-month maximum protection when used in a dry, non-aerated environment.

Overall effectiveness of this device depends on factors including condition of the metal, method of packaging, handling procedures, surface area of the part(s) and the path that the VCI vapors need to take to reach the metal. Daubert Cromwell recommends that the emitter be placed as close as possible to critical metal surfaces.

Daubrite^â 10 Disk VCI Emitter

<u>Metal</u>	<u>Corrosion Protection</u>
Iron and steel alloys	Provides full protection.
Aluminum and aluminum alloys	Compatible. Test for effectiveness.
Zinc and zinc galvanized steel	Provides full protection.
Copper	Provides full protection.
Tin	Provides full protection.
Brass ¹	Provides full protection.
Bronze	Provides full protection.
Silver	Compatible. Test for effectiveness.
Category A ²	Provides full protection.
Category B ³	May protect. Test for effectiveness.

- 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.
- 3 Category B metals include lead, antimony, babbitt alloys, solder, magnesium or magnesium alloys.

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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.

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