





VAPPRO PLASTAB VCI TABLETS

NATO STOCK NUMBER:

6850-32-078-6696

DESCRIPTION

Vappro Plastab is a unique flexible fused plastic of 0.5 inch square, into which a formulation of volatile corrosion inhibitors have been incorporated. The inhibitors through volatilization counteract the corrosive effects of humidity, salt and pollutants on packaged iron, steel, aluminum, copper and brass surfaces without compromising any of their mechanical or electrical properties.

DIRECTIONS FOR USE

Installation simply requires placing a Vappro Plastab in a plastic bag, container, box, etc containing the items to be protected. Vappro Plastab does not require an airtight enclosure to work. Plastic bags can be stapled closed or boxes may simply be closed as normal. The Vappro Plastab immediately begin to emit VCI molecules which saturate the enclosed airspace of the package and condense on metal surface.

Any humidity present on these surfaces combine with VCI molecules such that the water molecules are rendered incapable of supporting corrosion. The metal surfaces are thus passivated. Replacement VCI molecules are provided from the saturated airspace and Vappro Plastab In this way, the metal surfaces are continuously passivated from the effects of humidity, salt and acidic atmospheres, alone or in combination.

SPECIAL FEATURES

- Cost effective
- Simple and safe to use
- Effectiveness not impaired by rough handling
- · Available in sizes to fit packaging needs
- · Protected items are always ready for use
- Protects multi-metals against corrosion
- The VCI molecules will not interfere with any subsequent processing... surfaces can be soldered, painted or used as is

APPLICATIONS

Protects iron, steel, aluminum, copper and brass surfaces.







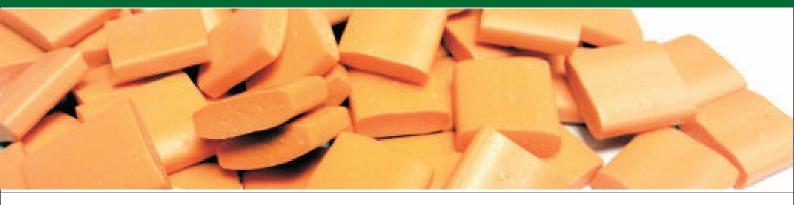






VAPPRO VCI TECHNOLOGY





PERFORMANCE TEST

Availability

Vappro Plastab Volume to be protected 1/2" X 1/2" X 1/8" ¼ cu.ft

Accelerated Corrosion Test

Coupons of the following metals were sealed in .006" gauge plain polyethylene bags together with a Vappro Plastab.

 Phosphor Bronze
 (521)

 Copper
 (110-CR)

 Aluminum
 (6061-T6)

 Brass
 (260 soft)

 Steel
 (1010)

Coupons of these metals were also sealed in similar bags without Vappro Plastab. All bags were placed in a water fog chamber (ASTM-B-117-73) at 100oF (38oC), 95% relative humidity for 8 weeks.

Results:

MetalVappro plastab
Protected BagSteelNo corrosionAluminumReduced attack no pittingCopperSlight stainingBrassNo tarnishingPhosphor BronzeSlight staining

Unprotected Bag

Severe corrosion Severe attack and pitting Heavy attack Heavy discoloration and pitting Heavy attack Note:

Vappro Plastab passes the test for the corrosion inhibiting ability of VCI vapors as specified in Federal Test Method Standard 101B, Method 4031, including the exhaustion test procedure.

Shelf Life: 2 years (stored at 85°F or less)

Life Span In Use: Minimum 1 year

Handling: No special handling precautions required

AVAILABLE PACKAGING

• 1000 pcs per pack

For more information about the product or any technical support, please contact us or our authorized distributor:







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