

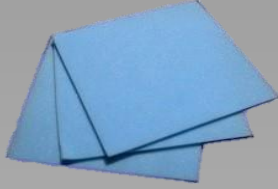
Product Data



Daubrite[®] MPI

Corrosion Inhibitor Foam

Description



Daubrite[®] MPI foam is soft, flexible, open cell foam with multi-metal corrosion inhibitor chemistry. It provides VCI and physical protection for packaged metal parts. Daubrite foam is Daubert[®] blue, ¼" (0.6 cm) thick, saturated with corrosion inhibitors that volatilize inside the packaging environment to form an invisible layer of protection for metal surfaces. The non-abrasive, polyurethane material cushions the part against damage while the VCI works to prevent corrosion on ferrous and non-ferrous metal surfaces.

One 10" x 10" x 0.25" (25 cm x 25 cm x 0.6 cm) Daubrite MPI foam pad will protect metals inside an enclosed space of up to 8 cu. ft. (0.23 cu. m.)

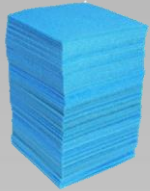
Features



Proven Daubert Cromwell corrosion inhibitor chemistry

- Effective on steel, copper, brass, and bronze.
- Lightweight foam fits inside tight or restrictive spaces.
- Clean, safe and easy to use corrosion protection; no special handling required.
- Parts remain ready to use immediately, without additional cleaning or rework.
- Protection lasts up to 12 months when used in a dry, non-aerated environment.
- Compatible with Daubert Cromwell corrosion inhibitor paper, films, and other emitter devices.
- Standard in 10" x 10" x 0.25" (25 cm x 25 cm x 0.6 cm) pieces; 250 pieces per case. Also available in custom sizes, rolls, as Daubrite 3F foam for military applications and Daubrite 1F for small spaces.

Typical Applications



Transport, export, storage of:

- Delicate metal instruments and fragile components.
- Metals used in mechanical, electrical and electronic components and equipment that are subject to corrosive environments inside enclosures.
- Stacked metal parts inside totes and bins.
- Components and assemblies with precision machined surfaces.
- Layered, individually wrapped parts that need cushioning.

Guidelines for Use



Always wear gloves when handling metals to be protected in VCI packaging.

- Parts should be clean and free of fingerprints before wrapping.
- Store VCI foam in original packaging, inside closed poly bag and box, until ready to use. Use immediately upon opening. Protect remaining foam pieces by closing the poly bag as soon as possible.
- VCI foam which has been exposed to the atmosphere should be discarded. Use fresh product.
- Store in a cool, dry indoor environment, free of substantial airflow (i.e., drafts) and shielded from direct sunlight.

Daubrite[®] MPI Foam Products

Product	Type	Size	Protection	Standard Packaging
Daubrite 1F	Individually cut squares (also available with adhesive backing)	1" x 1" (2.5 cm x 2.5 cm)	0.5 cu. ft. (0.01 cu. m.)	Bulk packed, 1,000 per box
Daubrite 3F	Individually wrapped pieces, stamped, with adhesive backing (also available without adhesive backing)	1" x 3" (2.5 cm x 7.6 cm)	1 cu. ft. (0.03 cu. m.)	50 pieces per box
Daubrite MPI Foam	Individually cut strips	2" x 10" (5.1 cm x 25 cm)	2.5 cu. ft. (0.07 cu. m.)	Bulk packed, custom
Daubrite MPI Foam	Individually cut squares	10" x 10" (25 cm x 25 cm)	8 cu. ft. (0.23 cu. m.)	250 pieces per box
Daubrite MPI Foam	Rolls	50" x 150 ft. (127 cm x 45.7 m)	10 cu.ft. / sq. ft. (0.28 cu. m. / 0.09 sq. m.)	Individually packaged rolls

Custom size pieces available.

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DAUBERT CROMWELL



Physical Data

Physical Properties	Typical Values	Test Method
Total Basis Weight lbs/ream (gm/sq. m)	107 (174)	TAPPI410
Load Weight lbs/ream (gm/sq. m)	10.5 (17)	TAPPI411
Protective Properties		
Mild carbon steel and cast iron	Provides full protection in contact and vapor phases	
Aluminum and aluminum alloys	Passive; test for compatibility	
Zinc and zinc galvanized steel	Test for compatibility.	
Copper	Provides full protection in contact and vapor phases	
Brass	Provides full protection in contact and vapor phases	
Bronze	Provides full protection in contact and vapor phases	
Silver	May protect; test for compatibility	
Category A ²	May protect; test for compatibility	
Category B ³	May protect; test for compatibility	

1. 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.
2. Category B metals include lead, antimony, babbitt alloys, solder, magnesium or magnesium alloys.

Storage

Store unused Daubrite MPI foam in original packaging, inside closed poly bag and box, in a cool, dry place, away from direct sunlight. Use immediately upon opening. Protect remaining foam pieces by closing the poly bag as soon as possible.

Shelf Life

24 months from date of shipping, stored in the original shipping container used by Daubert Cromwell and not in high humidity and not at high temperatures, or stored outside. Storage outside these conditions voids this statement.

Approvals

Daubrite 3F - NSN-6850-01-338-1392
RoHS, OEM approved, GSA CID A-A-5944II/2



WARRANTY The data, statements and recommendations in this product specification 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. 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.

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