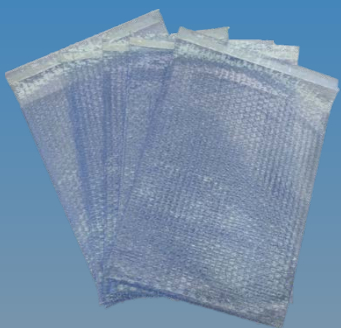


PRODUCT DATA

Premium Metal-Guard® VCI Bubble Bags

Description



Corrosion inhibitor bubble bags from Daubert Cromwell combine proven VCI protection for multi-metal surfaces with the cushioning properties of bubble film for precision machined parts. Bags are made with Premium Metal-Guard VCI poly film to provide a safe, effective and cost-effective VCI packaging choice for heavy metal parts and delicate components that are susceptible to breaking, scratching and marring due to vibration during shipment.

Premium Metal-Guard VCI bubble bags use 3/8" bubble in a 2-layer construction, with bubble on the outside. Parts slide into the smooth interior while sturdy air bubbles on the outside cushions the part from others in the shipping container. VCI bubble bags are cost-effective alternatives to using cardboard, corrugated or less effective packaging methods. Lip and tape closure seals the bag quickly and easily, without further handling.

Features



Proven Daubert Cromwell corrosion inhibitor chemistry

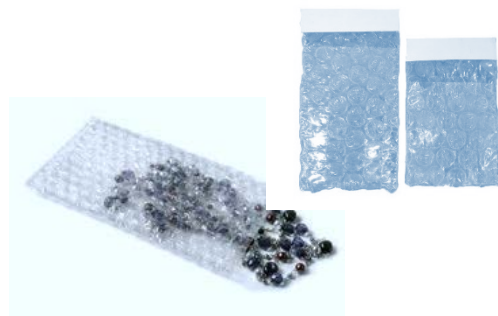
- For wide range of ferrous and non-ferrous metals.
- Transparent film, Daubert blue, allows visibility into the bag.
- 2-layer construction, with bubble layer facing out for easy filling.
- Cost-efficient alternative to boxes for small part packaging.
- Lip and seal closure. Peel-off adhesive strip.
- Safe and easy to use; no special handling required.
- Provides corrosion protection for 24 months minimum.
- Parts remain clean, dry and ready to use immediately, without additional cleaning or rework
- RoHS compliant, OEM approved
- Compatible with Daubert Cromwell VCI papers, foams, and emitters.
- Available in multiple sizes and closure options.
- Optional 3-layer construction, mailer-style.

Typical Applications



For transport, export, storage of:

- Gears, sprockets, heavy metal parts
- Metal pieces with pointed or sharp edges
- Metal coupons and samples
- Bearings, bushings, rings
- Electronics, delicate assemblies.



Packaging personnel should always wear gloves while handling metal parts. Parts should be clean and free of fingerprints before wrapping. Package clean products as quickly as possible.

TECHNICAL DATA

Premium Metal-Guard VCI Bubble Bags

Physical Data

Typical Properties	Typical Values
Type	Bubble out construction
Bubble Height	3/16 "
Bubble Diameter	3/8 "
Finished Size	6" to 46" Maximum Length
	4" to 46" Maximum Width
Lip Size	1" to 2"
Closure Styles	Self-seal bags have a ¼" strip of adhesive on one edge. To close, peel off the strip and fold over to close the bag. Lip-only bags are same, without the adhesive. Flush bags have even edges at the top – no lip.

Protection Time

Inside Dry Storage

24 Months

Metal	Level of Protection
Steel, AISI 1010	Protection
Cast Iron	Protection
Brass, Red or White	Protection
Bronze, including Naval	Protection
Copper	Protection
Cadmium and Cadmium Plated	Protection
Stainless Steel, All Grades	Protection
Zinc or White Metal	Protection
Galvanized, hot dipped or electro galvanized	Protection
Chromium and Chromium Plated	Protection
Nickel and Nickel Plated	Protection
Tinplate	Protection

Storage

Store in a cool, dry place, away from direct sunlight. Do not store outdoors, in high humidity, or at temperature above 80°F (27°C).

Shelf Life

36 months minimum from date of shipping when 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.

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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