

# Product Data



**10GT, 25GT, 50GT Ventilated Box**

## Description



**Bio-based, nitrite-free corrosion inhibitor effectively protects steel and aluminum.**

Convenient, easy-to-use VCI pouch emitters deliver effective corrosion protection to exposed metals inside enclosed spaces. The nitrite-free, TL8135 and TRGS 615 approved VCI diffuses through the breathable sealed bag to prevent corrosion on the packaged part. It deposits a safe, odorless, effective layer of VCI that disperses immediately upon removal. Perfect for use in voids and recesses inside large or irregularly shaped metal equipment, engines, containers, cabinets, and enclosed spaces. Completely recyclable.

Available in individual 10GT, 25GT and 50GT pouches, and in ventilated boxes that fit popular size shelf compartments. "Date of installation" labels available upon request.

## Features



"DATE INSTALLED" label

### Proven Daubert Cromwell corrosion inhibitor chemistry

- Long-lasting corrosion inhibitor is OEM approved. Passes TL8135; meets TRGS 615.
- Sturdy, tear-resistant pouch construction. Lightweight. Economical. Recyclable.
- Parts emerge clean, dry and ready to use immediately
- Effective on steel, aluminum and copper.
- Protection lasts up to 12 months when used in a dry, non-aerated environment.
- Pouches available with and without the ventilated box.
- Typical applications:
  - Engines, housings, aluminum castings.
  - Electric vehicle components and sub assemblies.
  - Export packaging of precision machined parts for aerospace applications.

## Guidelines for Use



Place the unopened pouch inside the enclosure with the metal parts, ideally within 30cm of the metal surface. Seal the enclosure with the emitters inside. Alternately, place the ventilated box of emitters in the designated machine slot. Write date of Installation on the accompanying label.

### For best results:

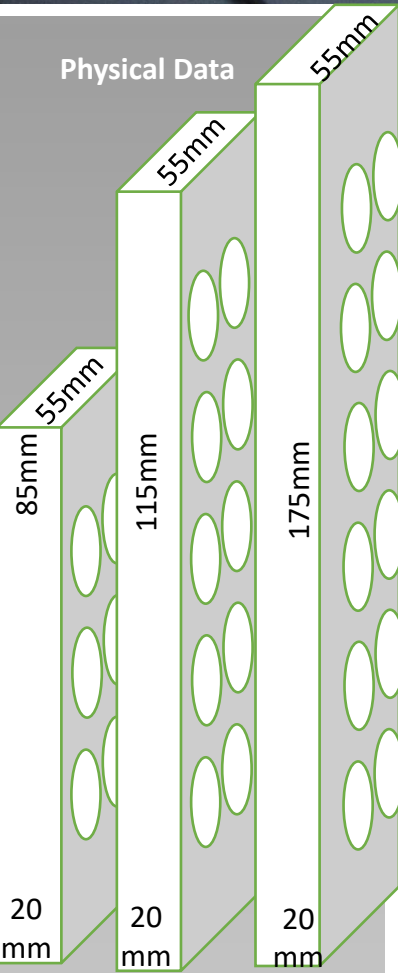
- Place emitters inside voids, as close as possible to the center of the enclosure space. Pack only clean and dry parts.
- Place on flat surface.
- Do not submerge.
- Wear gloves to avoid leaving acidic and corrosion-causing fingerprints.
- When packing metal parts, the ambient temperature and the part temperature should be the same to prevent condensation from forming inside the enclosure.
- Make sure the enclosure is tightly sealed.
- Do not put metal parts in contact with wood, cardboard, or other materials containing corrosion-causing acids.
- For additional protection, use Daubert Cromwell VCI film and paper packaging products.

Product Name	Est. Volume of protection (m <sup>3</sup> )
Daubrite 10GT	0.25
Daubrite 25GT	0.5
Daubrite 50GT	1

# Technical Data



## 10GT, 25GT, 50GT Ventilated Box



Physical Properties*		Typical Values Daubrite 10GT	Typical Values Daubrite 25GT	Typical Values Daubrite 50GT
<b>Protection Volume</b>		0.25 m <sup>3</sup>	0.5 m <sup>3</sup>	1 m <sup>3</sup>
<b>Dimensions:</b>		85mm*55mm* 20 mm	115mm*55mm* 20 mm	175mm*55mm* 20 mm
<b>Color:</b>	<i>Yellowish White</i>	<b>Form:</b>	<i>Pouches; box with die-cut circle cut-outs</i>	
<b>Duration of Protection:</b>	<i>Up to 12 Months</i>	<b>Disposal:</b>	<i>As per local regulations.</i>	
Protective Properties***		Calculation of Number of Emitters and Multi-Use		
Steel, AISI 1010**	Protection	<b>Example:</b> Box size 800mm x 600mm x 500mm = 0.24 m <sup>3</sup>  Daubrite 10GT has a volume specification of 0.25 m <sup>3</sup> , Use one Daubrite 10GT.		
Cast Iron	Protection	<b>Example:</b> Box size 1200mm x 800mm x 1000mm =0.96 m <sup>3</sup> Use one Daubrite 50GT emitter, or two 25GT emitters evenly spaced apart.		
Brass, Red or White	Protection			
Bronze, including Naval	Protection			
Copper	Protection			
Stainless Steel, All Grades	Protection			
Aluminum	Protection			

\* These results are typical values and are not specifications. If specifications are required, please discuss with your sales representative.  
 \*\* Protection times are based on proper protection from moisture and other environmental elements.  
 \*\*\* For best results, Daubert Cromwell always recommends testing before use.

### Storage

Store unused emitters in unopened boxes, away from direct sunlight and under normal room temperature conditions.

### Shelf Life

12 months 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.

### Approvals

TRGS 615, TL8135, RoHS, OEM Approved, REACH. Recyclable.



**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.

OCT 2023 JAB



**Daubert Cromwell GmbH**  
 Registered Office: Hasenbergsteige 14, 70178 Stuttgart, Germany  
 +49-(0)711 2050 5891 | Service@daubertcromwell.eu | www.daubertcromwell.de

