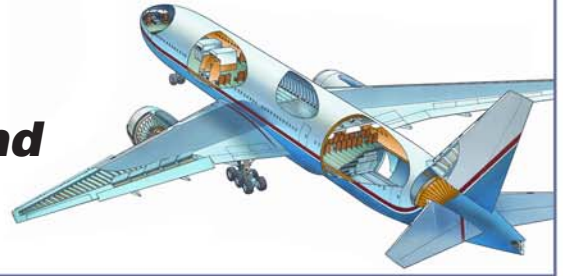


# **Cor-Ban<sup>®</sup> 27L**

## **Corrosion Inhibiting Compound**

**(Formerly ZC-027L) BMS 3-38**



### **Description:**

Cor-Ban 27L is on the QPL for BMS 3-38 and is listed on NSN 6850-01-469-7645. Cor-Ban 27L has been formulated to function as a non-drying, wide temperature range, corrosion inhibiting compound for static joint applications on a multitude of substrates. A thixotropic, buff-colored film can be achieved on any metal surface and will maintain a flexible protective coating that will withstand high ultra violet exposure in highly corrosive environments.

Cor-Ban 27L has been approved by Boeing Commercial Airplane Company as a substitute for current BMS 3-27 materials where BMS 3-27 is specified on the drawing. For inservice applications please contact appropriate manufacturer's service engineering.

### **Application:**

The bulk packaged material can be applied with spatula or brush at reasonable ambient temperatures. Pre-heating the product to 100 - 120°F will aid it's spreading properties. The cartridge fits into a standard pneumatic or ratchet sealant gun that is common in the industry. It can be applied at room temperature or at elevated temperature depending on the desired type of coverage. Removal of the coating is achieved by wiping off all excess material and flushing part or wiping part with a rag soaked with Zip-Chem D-5600NS citrus based cleaner, D-5640NS Degreaser, or mineral spirits.

### **Features:**

Cor-Ban 27L exhibits an extremely smooth and uniform paste like consistency without any lumps or grit. It will yield a smooth, non-drying, even film that will yield excellent corrosion resistance. The product contains no chromates, asbestos, MoS<sub>2</sub>, or graphite. The working temperature range for Cor-Ban 27L is typically -65°F to 180°F, but it has been successfully used in gearbox applications where temperatures can reach as high as 280°F. It can also withstand brief exposure to temperatures as high as 500°F with little impact on it's corrosion protective properties.

- Non-Toxic
- Wide Temperatures
- Smooth Application
- Non Drying
- User Safe
- Excellent Corrosion Inhibiting Compound
- Coats Intricate Parts
- Low Odor

### **Specifications:**

- BMS 3-38
- Embraer E9447580
- HMS 20-1267/2372
- DPM 6498
- MEP-QPL-09-075
- Airbus CML 05-133
- NSN: 6850-01-469-7645

### **Physical Properties:**

- Color: Amber/Tan
- Non Volatiles minimum: 90%
- Flow Point: No flow @ 160°F: pass
- Low Temp Adhesion: <1/32" @ -65°F: pass
- Drying Resistance: 7 days @ 160°F: pass
- Corrosion Resistance: ASTM B-117 Steel: >4000 hrs
- Recommended Dry Film Thickness: 2 mils
- Density: 7.41 lbs/gal

### **Packaging:**

**5 fl. oz. Tube, 6 oz Semco Cartridges, 14oz. Grease Cartridge, Pint, Quarts, Gallons, 5 Gallons**  
**Special packaging upon request**



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