



## TECHNICAL DATA SHEET

**Product Name: BIG RED HIGH-TEMP  
RTV SILICONE GASKET MAKER**

**Product Number: MARC 176**

**Description:** Big Red Gasket Maker is a paste-like one-component material which cures to a tough, rubbery-solid upon exposure to moisture in the air. This sealant can be applied overhead or on sidewall joints and surfaces without sagging, slumping or running off. It adheres to clean metal, glass, most types of wood, silicone resin, vulcanized silicone, ceramic, natural and synthetic fiber, and painted and many plastic surfaces. It has good resistance to weathering, vibration, moisture, ozone, and extreme temperatures. (RTV = Room Temperature Vulcanization, a cross linking reaction which occurs at room temperature.)

**Uses:** Big Red Gasket Maker will bond, caulk, seal, fasten, insulate, protect and repair many types of materials. It forms gaskets that are uniform and even in shape for a deeper seal. It eliminates the stocking of conventional gaskets for: Oil Pans – Thermostat Housing – Water Pumps – Pipe Joints – Compressors – Electrical Boxes – Push Rod Covers – Valve/Axle Covers – Transmission Pans – Timing Gear – CAM Shaft Rear Covers and Differential Seals.

**Applications:** Surface must be clean, dry and free of oil, tar, dirt and dust for best adhesion. Apply fingertip pressure to the can stem, hold the can at 45° and apply a 1/16" to 1/8" continuous bead to the mating surface, encircling all bolt holes if present. For adhesion to both parts, assemble immediately. For one part adhesion, allow 10 to 15 minutes for bead to skin. Assemble parts but do not squeeze gasket out by over tightening bolts. Will start to cure immediately, fully cures in 24 hours and reaches optimum strength in 7 days. Not recommended for use on cylinder heads, carburetors or in applications exposed to gasoline. Forms gaskets that are uniform and even in shape for a proper seal, and dispenses more usable product than tubes or cartridges because the product cannot cure in the can as it does with tubes and cartridges. Adjustable taper nozzle to control size of bead and also for difficult to reach places.

**Specifications:** Remains permanently flexible  
Temperature range - 60° to 650°  
100% Silicone rubber  
Pressure: Up to 350 psi

**Caution:** Direct contact with uncured sealant irritates eyes. Irritates skin, severity increases with prolonged contact. Overexposure may irritate eyes, nose and throat. Avoid eye and skin contact. Use with adequate ventilation. In case of eye contact, flush eyes with water for 15 minutes. Obtain medical attention. In case of skin contact, wipe off and flush with water. Obtain medical attention if irritation occurs. In case of inhalation ill effects, remove to fresh air. Sealant releases acetic acid vapor (vinegar-like odor) during cure. Fully cured sealant is non-hazardous. Contents under pressure. Do not puncture, incinerate or expose can to heat or store at temperatures above 120°F. **KEEP OUT OF REACH OF CHILDREN!**

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