



# Technical Bulletin

2400 Boston Street, Suite 200, Baltimore, Maryland 21224  
Phone: 410-675-2100 or 800-543-3840

Revised: 7/21/11

## DAP<sup>®</sup> Gasket Maker 100% RTV Silicone

- Forms a durable flexible seal
- Resists temperatures up to 400°F
- Resistant to oil, grease, water and fuels
- Unaffected by vibration
- OEM Specified
- Sensor-safe

**Packaging:** 2.8 fluid ounces (82.8mL)  
**Color:** Black  
**UPC Number:** 0 70798 00686 7

### Company Identification:

Manufactured for: DAP Products Inc., 2400 Boston Street, Ste. 200, Baltimore, Maryland 21224  
Usage Information: Call 1-888-DAP-TIPS or visit **dap.com** & click on "Ask the Expert".  
Order Information: 800-327-3339

### Product Description:

**DAP<sup>®</sup> Gasket Maker** is a one component, acetoxy cure, 100% RTV silicone rubber sealant that is ideal for mechanical repair and household use. It can be used for making gaskets on engine parts, cars, motorcycles, appliances, power yard equipment and more. It provides a waterproof seal, stays flexible and won't crack, crumble or dry out. Once cured, it is unaffected by temperature extremes (-40°F to 400°F).

### Suggested Uses:

#### *Ideal for:*

- Forming gaskets on engine parts, cars, motorcycles, appliances and power yard equipment.
- Use on intake manifolds, water pumps, hose connections and rocker arm covers.
- Protecting electrical connections and grommets.
- Sealing vents, gutters, windshields (not for windshield cracks) and weatherstripping.

#### *Adheres to:*

- Glass
- Fiberglass
- Most metals (*see For Best Results section*)
- Painted surfaces
- Most plastics and rubbers

### **Performance Characteristics:**

- When cured and washed, the product meets the requirements of FDA Regulation No. 21 CFR 177.2600.

### **Surface Preparation and Application:**

1. Remove old gasket material from mating surfaces. Prepare a clean, dry surface free of loose debris, dust, dirt, residual adhesive, soap, oil or grease. A solvent wipe is strongly recommended for preparation of the mating surfaces of engine components. In low temperature applications, mating surfaces must be free of frost.
2. Remove cap and puncture inner seal with other side of cap.
3. Screw on nozzle.
4. Cut nozzle at 45° angle to desired bead size.
5. Apply sealant to make gasket on engine part. Tool the bead immediately, if necessary, to provide a contiguous seal. Try to apply enough sealant to provide a complete seal while minimizing excess sealant extending beyond the mating surfaces after tightening component fasteners.
6. Clean up excess uncured sealant from surface and tools with mineral spirits. Do not use mineral spirits to clean skin. Excess cured sealant must be cut or scraped away. Wash hands with soap and water.
7. Allow 24 hours for sealant to cure. Sealant will not cure in totally confined spaces.
8. When applying to hard rubber or plastic surfaces, lightly sand or roughen surface before application to maximize adhesion.
9. When bonding two surfaces together, always clamp until cured, if possible.
10. When using sealant to form weather-stripping or other formed rubber parts, place wax paper over sealant to prevent sticking to mating piece until sealant has cured.
11. Reseal tube with cap for reuse.

### ***For Best Results:***

- Application temperature is between -35°F and 140°F.
- Not paintable. If painting is necessary, do so prior to repair.
- Not recommended for continuous underwater use, below grade use, use on wet surfaces, oily woods, stovepipes or chimneys. Not for fireplace applications, tuck pointing, butt joints, structural glazing or repairing surface defects.
- Not recommended for use on cementitious materials or surfaces that might bleed oils, plasticizers or solvents. Substrates made of methylmethacrylate, polycarbonate, polypropylene, polyethylene and polytetrafluoroethylene do not allow for best adhesion and compatibility with sealant. Try test area before using.
- Not recommended for use on brass, copper, magnesium, zinc, iron, galvanized metals or other surfaces prone to attack by weak acids.
- Do not use where abrasion and physical abuse are encountered.
- Store in temperatures below 90°F in a dry place.

### **Physical & Chemical Characteristics:**

Polymer:	Silicone Rubber
Working Time:	5-10 Minutes
Tack Free Time:	10-20 Minutes
Dynamic Joint Movement:	±25%
Paintable:	No
Odor:	Vinegar-like
Consistency:	Smooth, Paste
Specific Gravity:	1.03 ±-0.01
Solids:	97.0% ±-1.0% by weight
Density:	8.6 ±- 0.10 lbs./gallon
Temperature Service Range:	-40°F to 400°F (after full cure)
Temperature Application Range:	-35°F to 140°F

Freeze Thaw Stable: Yes  
Shelf Life: 18 months  
Coverage: 2.8 Fl. Oz.: 15 ft. at 3/16" bead size  
MSDS No: 000 00686 004

**Clean Up:**

Remove excess uncured sealant from surfaces and tools with mineral spirits. Do not use mineral spirits to clean skin. Wash hands with soap and water. Cured sealant must be cut or scraped away.

**Safety:**

See product label and Material Safety Data Sheet (MSDS) for safety information. You can request an MSDS by visiting our website at **www.dap.com** or by calling **888-DAP-TIPS**.

**Satisfaction Guaranteed:**

If product fails to perform when used as directed within one year of purchase, return used container and sales receipt to DAP Products Inc., Technical Customer Service, 2400 Boston Street, Suite 200, Baltimore, MD 21224 for replacement product or sales price refund. DAP will not be liable for incidental or consequential damages.

