



# TECHNICAL DATA SHEET

2400 Boston Street | Suite 200 | Baltimore, MD | 21224

## DAP® Gasket Maker 100% RTV Silicone Rubber Sealant

### PRODUCT DESCRIPTION

**DAP® Gasket Maker Sealant** is a one component, 100% RTV silicone rubber 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 long lasting, 100% waterproof seal that stays flexible and won't crack, crumble or dry out. Once cured, it is unaffected by temperature extremes (-40°F to 400°F). Meets ASTM C920, Class 25. Interior/exterior use.



PACKAGING	COLOR	UPC
2.8 fl oz (82.8 mL)	Black	7079800754

### KEY FEATURES & BENEFITS

- Meets ASTM C920, Class 25
- Forms a durable, flexible seal
- Resists temperatures up to 400°F
- Resistant to oil, grease, water and fuels
- Unaffected by vibration
- 100% waterproof seal
- Won't shrink, crack, crumble or dry out

### SUGGESTED USES

#### USE FOR:

- Forming gaskets on engine parts, cars, motorcycles, appliances and power yard equipment
- Weatherproofing windshields (not for windshield cracks) and weatherstripping.



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## ADHERES TO:

- Glass
- Ceramic
- Porcelain
- Most metals\*
- Most plastics
- Most rubbers
- Fiberglass

## FOR BEST RESULTS

- When applying to hard rubber or plastic surfaces, lightly sand or roughen surface before application to maximize adhesion. When bonding two surfaces together, always clamp until cured, if possible.
- Not recommended for continuous underwater use, filling butt joints, surface defects, tuck-pointing, chimneys, stovepipes or fireplace applications. Not recommended for structural glazing.
- Corrodes some metals. \*Not recommended for use on or near brass, copper or copper alloys, zinc, iron, galvanized metals or other surfaces prone to attack by weak acids.
- Not for oily woods or cementitious surfaces. 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 paintable.** Paint substrate surface before applying sealant.
- Store in temperatures below 80°F in a dry place.

## APPLICATION

### Surface Preparation

Remove old gasket material from mating surfaces. Prepare a clean, dry surface free of loose debris, dust, dirt, residual adhesive, oil, grease or other foreign material. 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.

### Product Application

1. Remove cap & puncture inner foil seal with other side of cap. Screw on nozzle and cut at 45° angle to desired bead size.
2. Apply sealant to make gasket on engine part.
3. Tool the bead immediately, if necessary. Try to apply enough sealant to provide a complete seal while minimizing excess sealant extending beyond the mating surfaces after tightening component fasteners.
4. Clean up excess uncured sealant from surface and tools with mineral spirits. Scrape or cut away excess cured sealant. Do not use mineral spirits to clean hands or skin. Wash hands or skin with soap and water.
5. Allow sealant to cure for 24 hours. Sealant will not cure in totally confined spaces.
6. When bonding two surfaces together, always clamp until cured.
7. When using sealant to form weatherstripping or other formed rubber parts, place wax paper over adhesive to prevent sticking to mating piece until it has cured.
8. Sealant is not paintable. Paint surfaces prior to applying sealant.
9. Reseal tube for storage and reuse.



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## TYPICAL PHYSICAL & CHEMICAL PROPERTIES

<b>Typical Uncured Physical Properties</b>	
Appearance/Consistency	Smooth paste
Base Polymer	Silicone rubber
Filler	Not applicable
Volatile	Not applicable
Weight % Solids	>97.0%
Density (lbs per gallon)	8.4
Odor	Vinegar-like
Flash Point	>212°F
Freeze Thaw Stability	Will not freeze
Shelf Life	24 months
Coverage	15 linear feet at 3/16" bead size
<b>Typical Application Properties</b>	
Application Temperature Range	-35°F to 140°F
Tooling Time (Working Time)	5-10 minutes
Tack Free Time	10-25 minutes
Full Dry Through	24 hours
Return to Service Time	30 minutes
Vertical Sag (ASTM D2202)	0.05"
<b>Typical Cured Performance Properties</b>	
Service Temperature Range	-40°F to 350°F continuous use, up to 400°F intermittent use after full cure
Water Ready Time	12 hours
Paint Ready Time	Not paintable
Mildew Resistance	Cured sealant is mold & mildew resistant
Dynamic Joint Movement (ASTM C719)	+/- 25%



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## CLEAN UP & STORAGE

Remove excess uncured sealant from surfaces and tools with mineral spirits. Excess cured sealant must be cut or scraped away. Do not use mineral spirits to clean hands or skin. Wash hands or skin with soap and water. Store container in temperatures below 80°F and in a dry place.

## SAFETY

See product label or Safety Data Sheet (SDS) for health and safety information. You can request a SDS by visiting our website at [dap.com](http://dap.com) or calling 888-DAP-TIPS.

## WARRANTY

**LIMITED WARRANTY:** If product fails to perform when used as directed within one year of purchase, call 888-DAP TIPS, with your sales receipt and product container available, for replacement product or sales price refund. DAP is not liable for incidental or consequential damages.

## COMPANY IDENTIFICATION

**Manufactured for:** DAP Products Inc., 2400 Boston Street, Baltimore, Maryland 21224

**Usage Information:** Call 888-DAP-TIPS or visit [dap.com](http://dap.com) & click on “Ask the Expert”

**Order Information:** 800-327-3339 or [orders@dap.com](mailto:orders@dap.com)

**Fax Number:** 410-558-1068

**Also, visit the DAP website at [dap.com](http://dap.com)**