



# TECHNICAL DATA SHEET

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

## DAP® Commercial Kitchen 100% Silicone Kitchen & Bath Sealant

### PRODUCT DESCRIPTION

**DAP® 100% COMMERCIAL KITCHEN 100% SILICONE SEALANT** is a one component chemically-curing material ideal for sealing in commercial kitchens and is approved for food-zone areas. Certified by NSF to NSF/ANSI Standard #51. It is safe for incidental food contact. When cured and washed, the product meets FDA Reg 21, CFR 177.2600. It provides a durable, waterproof seal with minimal shrinkage. It offers long-lasting flexibility and excellent adhesion. Once cured, it is unaffected by temperature extremes (-40°F to 400°F). Cured sealant is mildew resistant. Interior use.



PACKAGING	COLOR	UPC
9.8 fl oz (289.8 mL)	White	7079808656
9.8 fl oz (289.8 mL)	Clear	7079808658
9.8 fl oz (289.8 mL)	Stainless Steel	7079808660

### KEY FEATURES & BENEFITS

- Flexible
- 100% waterproof
- Certified by NSF to NSF/ANSI Standard #51
- It is safe for incidental food contact. When cured and washed, the product meets FDA Reg 21, CFR 177.2600
- Cured sealant is mold & mildew resistant
- Interior use



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## SUGGESTED USES

### USE FOR CAULKING & SEALING:

- Countertops
- Backsplashes
- Sinks
- Fixtures
- Repairing loose tiles

### ADHERES TO:

- Glass
- Ceramic
- Porcelain
- Fiberglass
- Most metals\*
- Most plastics
- Most rubbers
- Non-oily woods

## FOR BEST RESULTS

- Apply when surface temperatures are between -35°F and 140°F.
- Joint width should not exceed 1/2". If joint depth exceeds 1/2", use foam backer rod.
- 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 recommended for filling butt joints, surface defects, tuck pointing, stovepipes, chimneys, fireplaces applications, continuous underwater use or oily woods and some metals. Not recommended for structural glazing.
- Not recommended on surfaces that might bleed oils, plasticizers or solvents. Best adhesion and compatibility are not achieved with substrates made of methylmethacrylate, polycarbonate, polypropylene, polyethylene or polytetrafluoroethylene. Evaluate such substrates before using sealant.
- Do not use where abrasion and physical abuse are encountered.
- **Not paintable.** Paint substrate surface before applying sealant.
- Store below 80°F in dry place for optimal shelf life.

## APPLICATION

### Surface Preparation

Surface must be clean, dry, structurally sound and free of old caulk, dirt, dust & other foreign material.

### Product Application

1. Cut nozzle at a 45° angle to desired bead size.
2. Puncture inner foil seal.
3. Load into caulk gun.
4. Fill gap or crack with sealant.
5. If necessary, tool or smooth the bead of sealant with a finishing tool before the sealant skins over.
6. Do not touch or clean sealant for 24 hours. Sealant reaches full cure in 24 hours.



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- 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.
- 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.
- When using sealant to form weather-stripping or other formed rubber parts, place wax paper over sealant to prevent sticking to mating piece until it has cured.
- Sealant is not paintable. Paint surfaces prior to applying sealant.
- Reseal cartridge for storage and reuse.

## TYPICAL PHYSICAL & CHEMICAL PROPERTIES

<b>Typical Uncured Physical Properties</b>	
Appearance/Consistency	Smooth, gunnable paste
Base Polymer	Silicone rubber
Filler	Not applicable
Volatile	Not applicable
Weight % Solids	>97%
Density (lbs per gallon)	8.4
Odor	Vinegar like
Flash Point	>212°F
Freeze Thaw Stability (ASTM C1183)	Will not freeze
Shelf Life	24 months
Coverage	53 linear feet at 3/16" diameter bead
<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 Cure	24 hours
Return to Service Time	1 hour
Vertical Sag (ASTM D2202)	0.05"
<b>Typical Cured Performance Properties</b>	
Service Temperature Range	-40°F to 400°F
Water Ready Time	1 hour



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Paint Ready Time	Not paintable
Mildew Resistance	Cured sealant is mold & mildew resistant

## 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

**WARRANTY:** If product fails to perform when used as directed, within one year of date of purchase, call 888-DAP-TIPS, with your sales receipt and product container available, for replacement product or sales price refund. DAP Products Inc. will not be responsible 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)**