



Technical Bulletin

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

Revised: 1-6-2014

DAP® Commercial Kitchen 100% Silicone Sealant

- Food-grade
- 100% Waterproof
- -75°F – 350°F (up to 400°F for intermittent use)
- FDA Reg 21, CFR 177.2600
- DAP's product is certified by NSF to NSF/ANSI Standard #51

Packaging: 9.8 fluid ounce cartridge (290mL)

Colors: White, Clear, Stainless Steel

UPC No: 7079808656, 7079808658, 7079808660

Company Identification:

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

Usage Information: DAP HELPLINE: 888-DAP-TIPS, 9:00 am to 7:00 pm EST

Order Information: 800-327-3339

Also, visit the DAP website at www.dap.com.

Product Description:

DAP® 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. It provides a durable, watertight seal with minimal shrinkage. It offers long-lasting flexibility and excellent adhesion. Once cured, it is unaffected by temperature extremes (-75°F to 350°F; up to 400°F for intermittent use). Cured sealant is mildew resistant.

Suggested Uses:

Ideal for caulking and sealing:

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

Adheres to:

- Glass
- Ceramic
- Fiberglass
- Porcelain
- Non-oily woods
- Most metals (*see For Best Results section*)
- Most plastics and rubbers
- Painted surfaces

Surface Preparation & Application:

- Remove old caulk from surface. Prepare a clean, dry surface which is free of loose debris, frost, dust, dirt, soap, oil or grease.
- Cut nozzle at 45° angle to desired bead size. Puncture inner foil seal. Load into caulking gun.
- Apply sealant to surface, pushing sealant ahead of nozzle.
- Smooth bead with finishing tool if necessary.

- Clean up excess uncured sealant from surface and tools with mineral spirits. Excess cured sealant must be cut or scraped away. Wash hands with soap and water.
- Allow 24 hours for sealant to cure. Sealant will not cure in totally confined spaces.
- 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.
- Reseal for reuse.

For Best Results:

- Surface temperature during application is between -35°F and 140°F.
- Joint width should not exceed 1/2". If joint depth exceeds 1/2", use backer rod material.
- Not paintable. Paint surfaces before sealing.
- 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.

Typical Physical & Chemical Characteristics:

Polymer:	Silicone Rubber
Tooling Time:	5-10 Minutes
Tack Free Time:	10-25 Minutes
Dynamic Joint Movement:	±25%
Paintable:	No
Odor:	Vinegar-like
Consistency:	Smooth, Gunnable Paste
Specific Gravity:	1.01
Solids:	> 97.0% by weight
Density:	8.5 lbs./gallon
Temperature Service Range:	-75°F to 350°F for continuous use; up to 400°F for intermittent use (after full cure)
Surface Temperature Application Range:	-35°F to 140°F
Freeze Thaw Stable:	Yes
Shelf Life:	18 months from manufactured date
Coverage:	9.8 fl.oz.: 53 linear ft. at a 3/16" bead size

Clean Up:

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

Safety:

Warning! Contact with uncured product may cause eye, skin & respiratory tract irritation. Contains: Ethyltriacetoxysilane, and methyltriacetoxysilane. Acetic acid is evolved during cure Avoid contact with eyes, skin & clothing. Avoid breathing vapors. Use only with adequate ventilation. Ensure fresh air entry during application and drying. Wear gloves & safety glasses. Remove contact lenses before using product. Wash thoroughly after handling. **FIRST AID:** SKIN: Wash thoroughly with soap and water. Do not use solvents or abrasive cleansers to remove product from skin. EYE: Immediately flood with large quantities of water. INHALATION: Remove to fresh air. INGESTION: DO NOT INDUCE VOMITING. Get medical attention if complications arise from any exposure. **For emergencies**, call your poison control center at 1-800-222-1222. **KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY.** See product label and Safety Data Sheet (SDS) for additional safety information. You can request an SDS 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 & sales receipt to DAP Products Inc., Tech. Cust. Service, 2400 Boston St., Suite 200, Baltimore, MD 21224 for replacement product or sales price refund DAP will not be liable for incidental or consequential damages.

