



# TECHNICAL DATA SHEET

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

## DAP® ALEX PLUS® All Purpose Acrylic Latex Caulk Plus Silicone

### PRODUCT DESCRIPTION

**DAP® ALEX PLUS® ALL PURPOSE ACRYLIC LATEX CAULK PLUS SILICONE** is an excellent quality, all purpose caulk for sealing a wide variety of interior and exterior surfaces. It contains silicone additives for greater flexibility and adhesion and shrinks less\* for a durable, waterproof seal. ALEX PLUS® is paintable in just 30 minutes with latex or oil-based paints, saving time. It won't shine through or discolor the paint for superior paint finish results. It is easy to apply and tool, low in odor and cleans up easily with water. Cured caulk is mold and mildew resistant. 40 Year Warranty. Exceeds ASTM C834. Interior/exterior use.

*\*When compared to DAP® ALEX® Painter's Caulk*



PACKAGING	COLOR	UPC
10.1 fl oz (300 mL) Cartridge	White	7079818101
5.5 fl oz (162 mL) Tube	White	7079818128

### KEY FEATURES & BENEFITS

- All purpose – strong multi-surface adhesion
- Paint in 30 minutes
- Won't shine through or discolor paint
- Shrinks less for a durable seal\*
- Flexible
- Resists cracking and chalking
- 100% waterproof seal
- Easy water clean-up
- Low odor
- Cured caulk is mold & mildew resistant



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- 40 Year Warranty
- Exceeds ASTM C834 Specification
- VOC compliant
- Interior/exterior use

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## SUGGESTED USES

### USE FOR CAULKING & SEALING:

- Window frames
- Door frames
- Baseboards
- Molding
- Trim
- Corner joints
- Pipes
- Vents
- Siding
- Other gaps & cracks, especially prior to painting

### ADHERES TO:

- Wood – painted & unpainted
- Aluminum
- Most metals\*
- Vinyl
- Most plastics\*
- Glass
- Drywall
- Plaster
- Brick
- Stone
- Concrete
- Mortar
- Fiber Cement
- Stucco
- Most common building materials

\* Not recommended for use on copper or copper alloys.

\* Will not adhere well to low surface energy plastics such as: PP (Polyethylene), PP (Polypropylene), PC (Polycarbonate), PMMA (Poly Methyl Methacrylate), PTFE (Polytetrafluoroethylene). Pre-test materials before use.

## FOR BEST RESULTS

- Apply in temperatures between 40°F to 100°F.
- Do not apply when rain or freezing temperatures are forecasted within 24 hours. Cooler temperatures and higher humidity will slow down dry time.
- Not for continuous underwater use, filling butt joints, surface defects, tuck-pointing or expansion joints.
- Joint size should not exceed 1/2" wide x 1/2" deep. If joint depth exceeds 1/2", use backer rod material.



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## APPLICATION

### **Surface Preparation**

Surface must be clean, dry, structurally sound and free of all foreign material.

### **Product Application**

1. Apply in temperatures between 40°F to 100°F. Do not apply when rain or freezing temperatures are forecasted within 24 hours. Cooler temperatures and higher humidity will slow down dry time.
2. If using the squeeze tube, remove cap.
3. Cut nozzle at 45° angle to desired bead size.
4. If using the cartridge, load into caulk gun.
5. Fill gap or joint with caulk.
6. If necessary, tool or smooth the bead of caulk with a finishing tool before caulk skins over.
7. Clean up excess wet caulk with a damp sponge before it skins over. Excess dried caulk must be cut or scraped away.
8. Allow caulk to dry at least 30 minutes (longer in cool or humid conditions) before painting with latex or oil-based paints.
9. Reseal container for storage and reuse.

## TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Typical Uncured Physical Properties	
Appearance/Consistency	Gunnable, non-sag paste
Base Polymer	Siliconized acrylic polymer
Filler	Calcium carbonate
Volatile	Water
Weight % Solids	81%
Density (lbs per gallon)	13.1
Odor	Very mild
Clean Up	Water
Flash Point	>212°F (>100°C)
Freeze Thaw Stability (ASTM C1183)	Passes 5 Cycles
Shelf Life	12 months
Coverage	10.1 fl oz: 55 linear feet at a 3/16" diameter bead 5.5 fl oz: 30 linear feet at 3/16" diameter bead
Typical Application Properties	
Application Temperature Range	40°F to 100°F
Tooling Time (Working Time)	10 minutes



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Tack Free Time	30 minutes
Full Dry Through	24 hours
Return to Service Time	24 hours
Vertical Sag (ASTM D2202)	0.05"
<b>Typical Cured Performance Properties</b>	
Service Temperature Range	-20°F to 180°F
Paint Ready Time	30 minutes
Water Ready Time	24 hours
Mildew Resistance	Cured caulk is mold & mildew resistant
Extension Recovery (ASTM C736)	Exceeds ASTM C834 requirement

## CLEAN UP & STORAGE

Clean up excess wet caulk with a damp sponge before it skins over. Excess dried caulk must be cut or scraped away. Clean skin and tools with warm water and soap. Store container in a cool, dry place away from extreme heat or cold.

## 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 40-YEAR WARRANTY:** Warranty terms available at [dap.com/warranty](http://dap.com/warranty). For a free written copy, call (888)-DAP-TIPS.

**Incidental and consequential damages are expressly disclaimed and DAP's maximum liability is limited to the amount of the original purchase price of the DAP product.**

## COMPANY IDENTIFICATION

**Manufacturer:** DAP Global 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)



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

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