



# TECHNICAL DATA SHEET

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

## DAP® BUTYL-FLEX® Rubber Gutter & Flashing Sealant

### PRODUCT DESCRIPTION

**DAP® BUTYL-FLEX® GUTTER & FLASHING SEALANT** is a single component, butyl rubber formula ideal for sealing seams, joints and gaps on metal surfaces such as gutters, flashing and roof penetrations. It adheres to wet or damp surfaces and forms a 100% waterproof and weatherproof seal. The durable seal stays flexible to resist cracking and crumbling due to temperature extremes and weathering. Provides strong adhesion to a wide variety of building substrates. Paintable. Meets ASTM Specification C1311. Exterior use.



PACKAGING	COLOR	UPC
10.1 fl oz (300 mL)	White	7079818182
10.1 fl oz (300 mL)	Aluminum	7079818188

### KEY FEATURES & BENEFITS

- Ideal for metal surfaces, seams & joints
- Meets ASTM C1311
- Stays flexible in temperature extremes
- 100% waterproof & weatherproof
- Crack proof
- Strong, multi-surface adhesion
- Paintable
- Exterior use



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## SUGGESTED USES

### USE FOR CAULKING AND SEALING:

- Gutters
- Drain spouts
- Lap joints
- Flashings
- Roof vents
- Pipes
- Ducts
- Skylights
- Corrugated roofing
- Aluminum & vinyl siding
- Metal joints
- Chimneys

### ADHERES TO:

- Wood – painted & unpainted
- Vinyl
- Most plastics, rubber, PVC
- Aluminum
- Most metals
- Fiber cement
- Concrete
- Mortar
- Brick
- Stone
- Glass
- Ceramic
- Fiberglass
- Stucco
- Most common building materials

## FOR BEST RESULTS

- Apply in temperatures above 40°F.
- Recommended joint size is 1/8" x 1/8" to 3/8" x 3/8"
- Not recommended for continuous underwater use or for surface defects.
- 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. Apply sealant to joint or seam.
5. To seal gutter lap joints: apply sealant along inside edge of all joints and around rivets and/or screws. When rivets and/or screws are not used on lap joints, apply sealant between 4 inch overlay to ensure full contact between both surfaces. Apply generous amount in all end caps and slip joints before the use of rivets and/or screws.



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6. If necessary, tool or smooth the bead of sealant with a finishing tool before the sealant skins over.
7. 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.
8. Reseal cartridge for storage and reuse.

## TYPICAL PHYSICAL & CHEMICAL PROPERTIES

<b>Typical Uncured Physical Properties</b>	
Appearance/Consistency	Gunnable, non-sag paste
Base Polymer	Butyl rubber
Filler	Inert fillers
Volatile	Petroleum distillates
Weight % Solids	>80%
Density (lbs per gallon)	12
Odor	Solvent
Flash Point	105°F
Freeze Thaw Stability (ASTM C1183)	Stable
Shelf Life	12 months
Coverage	55 linear feet at 3/16" diameter bead
<b>Typical Application Properties</b>	
Application Temperature Range	40°F minimum
Tooling Time (Working Time)	1 hour
Tack Free Time	12 hours
Full Dry Through	21 days
Return to Service Time	2 hours
Vertical Sag (ASTM D2202)	<0.15 inches
<b>Typical Cured Performance Properties</b>	
Service Temperature Range	-40°F to 180°F
Water Ready Time	Immediate
Paint Ready Time	7 days
Mildew Resistance	Sealant is mold & mildew resistant
Dynamic Joint Movement (ASTM C1216)	+/-7.5%



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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 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. is not responsible for incidental or consequential damages.

## COMPANY IDENTIFICATION

**Manufacturer:** 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)**