



Technical Bulletin

2400 Boston Street, Suite 200, Baltimore, Maryland 21224

Phone: 410-675-2100 or 800-543-3840

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DAP[®] 3.0[™] High Performance Gutter & Flashing Sealant

- Wet or dry surface application
- 30 minute paint ready
- 100% waterproof & weatherproof
- Extreme temperature use: 20°F to 120°F
- Superior flexibility & adhesion
- Shrink & crack proof
- Low odor
- Lifetime guarantee
- Meets ASTM C920, Class 25
- Exterior

Packaging: 9.0 fl. oz. (266 mL)
Color: Crystal Clear
UPC Number: 70798 18377, 70798 07058

Company Identification:

Manufacturer: DAP Products Inc., 2400 Boston St., Suite 200, Baltimore, Maryland 21224
Usage Information: Call **1-888-DAP-TIPS** or visit dap.com & click on "Ask the Expert"
Order Information: 800-327-3339
Fax Number: 410-558-1068
Also, visit the DAP website at www.dap.com

Product Description:

DAP[®] 3.0[™] HIGH PERFORMANCE GUTTER & FLASHING SEALANT is ideal for sealing seams, joints and gaps on gutters, flashing, drain spouts, lap joints, vents and other metal joints. It is water resistant and paintable in 30 minutes. It can be applied to wet or dry surfaces and in extreme temperatures: 20°F to 120°F. The crystal clear color blends in with most building material substrates for a better finished appearance.

DAP[®] 3.0[™] Gutter & Flashing won't crack or shrink and provides excellent adhesion, flexibility and durability for a 100% waterproof seal. It is low odor and VOC compliant. Backed by a lifetime guarantee. Meets ASTM C920, Class 25. Exterior use.

Suggested Uses:

Ideal for caulking and sealing around:

- Gutters
- Drain Spouts
- Lap Joints
- Flashings
- Roof Vents
- Corrugated Roofing
- Aluminum Siding
- Between Base Plate and Slab

Adheres to:

- *Aluminum*
- *Wood*
- *Vinyl*
- *Plaster and drywall*
- *Painted surfaces*
- *Masonry, stone and brick*
- *Metal*
- *Glass*
- *Stucco*
- *Concrete*

Performance Characteristics:

- Accelerated cure time allows exposure to water after only 30 minutes without washing out.
- 100% waterproof to provide a permanent waterproof seal.
- Extreme temperature use: 20°F to 120°F.
- Cured sealant is mold and mildew resistant.
- Won't crack or shrink.
- Paintable with most acrylic latex paints. Use acrylic primer for oil-based paints.
- Meets ASTM C920, Class 25.

Surface Preparation & Application:

1. Surface must be clean, dry and free of all old caulk, dirt, dust and grease.
2. Cut nozzle at a 45° angle to desired bead size.
3. Puncture inner foil seal.
4. Load cartridge into caulk gun.
5. Fill gap with sealant, pushing sealant ahead of nozzle.
6. If necessary, smooth bead with a finishing tool.
7. Allow sealant to cure for at least 30 minutes before exposing to water. Sealant surface may still be tacky. Sealant reaches full cure in 24 hours.
8. 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.
9. Paintable with most acrylic latex paints in 30 minutes (surface may still be tacky). Use an acrylic primer for oil-based paints.
10. Reseal cartridge for storage and reuse. Store partially-used cartridge in a cool dry place. When ready to use again, remove the cured material at the tip or cut the tip back. Use as soon as possible, preferably within a month.

For Best Results:

- Application temperature range is between 20°F and 120°F.
- If gap is more than ½" deep, use foam backer rod.
- Not recommended for continuous underwater use, on stovepipes or for surface defects.
- If painting, paint with high-quality acrylic latex paint.
- Store product below 80°F away from extreme heat or moisture.
- Certain porous substrates such as concrete may require primer for best adhesion.

Typical Physical & Chemical Characteristics:

Vehicle:	Advanced Polymer
Solids:	>97%
Weight per Gallon:	8.6 lbs/gallon
Tooling Time:	10 minutes
Full Cure Time:	24 hours
Paintable:	Yes
Odor:	Very mild
Consistency:	Smooth, clear paste
Filler:	None
Elongation:	300%
Tensile Strength	170 psi
Elastic Modulus:	55 psi
Service Temperature Range (Cured sealant):	-65°F to 200°F for continuous use, 250°F with excursions

Application Temperature Range:	20°F to 120°F
Freeze Thaw Stability:	Will not Freeze
Shelf Life:	12 months if unopened and stored in cool dry place
Coverage:	49 linear feet at 3/16" diameter bead
SDS No:	00011608001

Note: The physical properties were tested under standard conditions of 23°C (73°F) at 50% relative humidity. Typical characteristic values should not be used as specifications.

Clean Up & Storage:

Before curing, remove excess material from surface and tools with mineral spirits. After product has cured, excess material must be cut or scraped away. Clean hands with soap and water. Store product below 80°F away from extreme heat or moisture.

Safety:

Warning! Contains phthalate esters & 3-(trimethoxysilyl) propylamine. During application & cure, methanol is released. Use only with adequate ventilation. Avoid breathing vapors by opening windows & doors. Ensure fresh air entry during application & drying. Harmful if swallowed or absorbed through the skin. May cause eye & skin irritation. May cause allergic skin sensitization. Avoid contact with eyes & skin. Wear gloves & safety glasses. Remove contact lenses before use. **WARNING:** This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. **FIRST AID:** SKIN: Wash thoroughly. EYE: Flood with large quantities of water. INHALATION: Remove to fresh air. INGESTION: DO NOT INDUCE VOMITING. Get medical attention immediately if complications arise from any exposure. **For emergencies**, call your poison control center at 1-800-222-1222. See Safety Data Sheet (SDS) for additional information. For an SDS, contact your supplier or visit dap.com. **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 dap.com or by calling 888-DAP-TIPS.

Lifetime Guarantee:

DAP warrants this product for sealant purposes during the lifetime of your home when applied as directed within one year of purchase. If product fails to perform, return container and sales receipt to DAP Products Inc., TCS, 2400 Boston St., Baltimore, MD 21224 for replacement product or sales price refund. DAP will not be liable for incidental or consequential damages.