



TECHNICAL DATA SHEET

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

DAP® DYNAFLEX® Gutter & Narrow Seam Advanced Elastomeric Waterproof Sealant

PRODUCT DESCRIPTION

DAP® DYNAFLEX® GUTTER & NARROW SEAM SEALANT is an easy to use, single component, high performance elastomeric sealant that forms a tough, watertight seal to stop and prevent leaks in small joints and narrow seams in gutter and flashing applications. It is extremely durable and permanently flexible to stand up to weather and temperature extremes without cracking or losing adhesion. It can be applied in all types of weather conditions, such as cold/high temperatures, wet surfaces and even through standing water. It has strong multi-surface adhesion to most common gutter, flashing and roofing materials. It offers excellent workability and improved productivity with its easy to apply formula, smooth tooling, low odor and fast rain ready and cure times.



| PACKAGING | COLOR | UPC |
|---------------------|-------|-------|
| 4.5 fl oz (133 mL) | White | 18399 |
| 10.1 fl oz (300 mL) | White | 18398 |

KEY FEATURES & BENEFITS

- All weather application
- Wet, damp or dry surface application; even through standing water
- Extreme temperature application: 20°F to 120°F
- 30 minute rain ready without washing out
- 100% waterproof & weatherproof seal
- Permanently flexible and crackproof even in cold temperatures
- UV resistant: will not harden, yellow, shrink or breakdown over time
- Strong, multi-surface adhesion
- Cured sealant is mold & mildew resistant



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- 30 minute paint ready
- Easy gunning, smooth tooling
- Fast cure time
- Low odor & VOC compliant
- Exterior use

SUGGESTED USES

USE FOR SEALING SEAMS & JOINTS IN GUTTER & FLASHING APPLICATIONS:

- Gutters: Seams, troughs, endcaps, joints
- Downspouts & downspout openings
- Lap joints
- Flashing
- Ducts
- Fans
- Pipes
- Vents
- Sheet metal

ADHERES TO:

- Most metals:
 - Aluminum
 - Powder coated & galvanized metals
 - Copper
 - Steel
 - Brass
 - Anodized windows
- Most Plastics:
 - Vinyl
 - PVC
 - Polystyrene
 - ABS
 - Fiberglass
- Glass
- Concrete
- Brick
- Block
- Mortar
- Fiber Cement
- Stone
- Stucco
- Tile
- Terra Cotta
- Asphalt
- Wood

FOR BEST RESULTS

- Apply when surface temperatures are between 20°F to 120°F.
- Joint width should not exceed 1/2".
- To limit the effects of thermal expansion due to temperature changes, gutter runs should not exceed 50 ft.
- Not recommended for continuous underwater use, high temperature surfaces or for surface defects.
- Store below 80°F in dry place.

APPLICATION



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Product Application

1. **Cartridge:** Cut nozzle at 45° angle to desired bead size. Puncture inner foil seal. Load into gun.
Squeeze Tube: Remove cap & cut nozzle at 45° angle to desired bead size. Unscrew nozzle and remove foil seal. Replace nozzle.
2. **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.
3. **To Seal Downspouts:** Apply sealant along underside of the dropout and insert into outlet opening. Press firmly into place. Attach w/ rivets and/or screws and apply sealant over fasteners.
4. **Roof Protrusions:** Apply sealant, providing adequate overlap for joints and ensuring full contact between the two mating surfaces.
5. 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.
6. Reseal for storage and reuse.

TYPICAL PHYSICAL & CHEMICAL PROPERTIES

| Typical Uncured Physical Properties | |
|-------------------------------------|--|
| Appearance/Consistency | Non-sag paste |
| Base Polymer | Advanced hybrid polymer |
| Filler | Calcium carbonate |
| Volatile | Not applicable |
| Weight % Solids | >99% |
| Density (lbs per gallon) | 12.5 |
| Odor | Very mild |
| Flash Point | >200°F (>93°C) |
| Freeze Thaw Stability (ASTM C1183) | Will not freeze |
| Shelf Life | 12 months |
| Coverage | 4.5 fl. oz: 3/8" diameter bead, 6.8 linear feet 10.1 fl. oz: 3/8" diameter bead, 13.8 linear feet |
| Typical Application Properties | |
| Application Temperature Range | 20°F to 120°F |
| Tooling Time (Working Time) | 30 minutes |
| Tack Free Time | 2 hours |
| Full Cure | 24 hours |



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| | |
|---|---|
| Return to Service Time | 1 hour |
| Vertical Sag (ASTM D2202) | 0.05" |
| | |
| Typical Cured Performance Properties | |
| Service Temperature Range | -75°F to 200°F for continuous use, 300° F with excursions |
| Water Ready Time | 30 minutes |
| Paint Ready Time | 30 minutes |
| Mildew Resistance | Cured sealant is mold & mildew resistant |
| Dynamic Joint Movement (ASTM C719) | +/-25% |

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 an SDS by visiting our website at 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

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

Usage Information: Call 888-DAP-TIPS or visit dap.com & click on "Ask the Expert"

Order Information: 800-327-3339 or orders@dap.com

Fax Number: 410-558-1068

Also, visit the DAP website at dap.com