



# TECHNICAL DATA SHEET

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

## DAP® DRAFTSTOP® 812 LOW PRESSURE WINDOW & DOOR FOAM SEALANT – Bright White

### PRODUCT DESCRIPTION

DAP® DRAFTSTOP® 812 is a low pressure, one-component gun grade foam specially designed to fill gaps between fenestration products and rough openings. This expanding polyurethane foam is designed to air seal without exerting pressure that can be detrimental to window or door frame stability. It provides an airtight seal. The non-rigid, highly elastic foam has 30% joint movement capability which accommodates movement and settlement to maintain an airtight seal. It is closed cell, minimally expanding foam. It absorbs virtually no water and will not warp or deflect window or door frames. The result is an air-tight seal around windows and doors.



PACKAGING	Case	COLOR	UPC
26 oz (737.09g) Can	12	White	0 70798880812 6

Meets AAMA 812-04  
Class A Fire Rated

### KEY FEATURES & BENEFITS

- Low-pressure
- Minimal expansion
- Non-Rigid: highly flexible, crack-resistant
- Stops drafts to minimize energy loss
- Fire retardant
- Meets AAAMA 812-04
- Bright White Foam
- High closed cell content: helps block moisture
- Interior / exterior use
- 30% joint movement capability

### SUGGESTED USES

#### USE TO FILL AND SEAL:

- Window and door frames / jambs
- Through-penetrations
- Gaps and cracks in foundations, crawlspaces, attics, and basements
- Partitions and stud walls
- Top and bottom of stair stringer
- Space connections in soffits and drop ceilings



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## ADHERES TO:

Most building materials such as: Vinyl, Aluminum, Brick, Stone, Wood, Stucco, and other common building materials

## FOR BEST RESULTS

- Apply in temperatures between 60°F- 120°F
- Surface must be clean, dry, structurally sound and free of all foreign material for adhesion
- Dispense in the UPSIDE-DOWN position
- Apply in spaces with 40% relative humidity or greater
- Not for direct exposure to ultraviolet light. If used outdoors, paint to avoid foam discoloration
- Use around, not inside, junction boxes
- Note: Not for use as a fire block or fire stop sealant

## APPLICATION

**DIRECTIONS: Important – read all directions and cautions before use. Always wear gloves, eye protection and work clothes. Use drop cloths. Product is flammable during dispensing – turn off sources of ignition prior to use. Do not expose to heat or store above 120°F.**

### Preparation & Application:

1. To promote adhesion the surface must clean, dry, structurally sound and free of all foreign material.
2. Shake can vigorously for 30 seconds before using and intermittently during use.
3. Remove protective cap and attach foam applicator gun on to canister.
4. Adjust and set control knob to desired flow.
5. When using dispense in the UPSIDE-DOWN position and apply in spaces with 40% greater relative humidity.
6. Insert applicator tip into gap and pull trigger to release foam.
7. Fill gap no more than 1/3 full, allowing room for expansion. Do not overfill.

### *For Best Results:*

Always work with the canister in a vertical position and keep the valve pointed downwards. When filling deep joints apply in layers, wait until each layer has skinned and partially cured before applying next layer.

Foam is tack-free in 10-15 minutes and dries in ~24 hours. Excess foam can be trimmed and finished as necessary.

**Clean-up:** Clean gun by removing the foam canister and replacing it with a can of DAP® Foam Cleaner. Shake canister and discharge into a trash receptacle. Repeat 3 or 4 times or until discharge is clear and free of foam residue. Remove canister of DAP® Foam cleaner and tighten down control valve on gun for storage. The cleaner can also be used to clean up wet foam spills and tools. Test surfaces to ensure surface is compatible with cleaner before cleaning.

If wet foam contacts skin, clean immediately with a dry rag – do not use water – water accelerates curing.



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Cured foam must be removed mechanically from surfaces. Uncured foam can be cleaned from most surfaces with Foam Cleaner or acetone. If foam dries on skin, apply generous amounts of petroleum jelly, put on plastic gloves and wait 1 hour. With a clean cloth, firmly wipe off residue and repeat process if necessary. DO NOT use acetone or other solvents to remove product from skin.

**Storage/Re-Use:** Store gun attached to partially used foam canister for up to one month. If longer storage is required, remove applicator from canister and clean as directed. Shelf life once applicator is removed from foam canister is greatly diminished. It is not recommended to store partially used canisters without the applicator attached. Do not expose to heat or store above 120°F. Do not place in hot water or near radiators, stoves or other sources of heat. Do not keep can in direct sunlight or high temperature areas, such as automobiles. If exposed to heat or direct sunlight, the container may explode. Store upright in a cool dry

## TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Recommended Bead Size	½"
Yield per can, ASTM C1536	Up to 1500 linear feet
Skin Time (tack free)	10-15 mins
Cuttable	~45 mins
Cure Time	~24 hours
Shelf Life	15 months (unopened)
Service Temperature Range	-40°F to 250°F (-40°C ~ 121°C)
Application Temperature Range	25°F to 100°F (-4°C ~ 38°C)
Pressure Build	0.186 psi
Water Absorption	>0.2%
Joint Movement	30%
International Building Code	compliant
International Residential Code	compliant
R-Value	5 per inch

## 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](http://dap.com) or calling 888-DAP-TIPS.

## LIMITED WARRANTY

**LIMITED WARRANTY:** If product fails to perform when used as directed, call 888-DAP-TIPS within one year of date of purchase with your sales receipt and product container available for replacement



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product or sales price refund. DAP GLOBAL Inc. will not be responsible for incidental or consequential damages.

## COMPANY IDENTIFICATION

**Manufacturer:** DAP Global Inc., 2400 Boston Street, Suite 200, Baltimore, MD 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)**