



Technical Bulletin

2400 Boston Street, Suite 200, Baltimore, Maryland 21224
Phone: 410-675-2100 or 800-543-3840

Revised: 05/31/2012

DAP®DraftStop™ 812 Low Pressure Window & Door Foam

- **Highly Elastic, 30% Joint Movement**
- **Low Pressure**
- **Low Expansion**
- **Closed Cell**
- **Low Temperature Application**
- **Rapid Cure**
- **Single Component**
- **Insulates and Seals**
- **Gun Grade**

Packaging: 26 oz. (737.09 g)
Color: White
UPC Number: 0 70798880812 6

Company Identification:

Manufactured for: DAP Products Inc., 2400 Boston St., Suite 200, Baltimore, Maryland 21224
Usage Information: Call 1-888-DAP-TIPS or visit dap.com & click on DAP Tips® then "Ask the Expert".
Order Information: 800-327-3339
Fax Number: 410-558-1068

Product Description:

DAP® DraftStop™ 812 Low Pressure Window & Door Foam is a gun grade low pressure polyurethane foam designed to fill gaps between fenestration products and rough openings. It will provide an airtight seal and protect against water, air and sound intrusion. The non rigid highly elastic foam has 30% joint movement capability which accommodates movement and settlement to maintain a long lasting airtight, weatherproof. It is minimal expanding closed cell foam which will not absorb water, warp or deflect window or door frames. DAP® DraftStop™ 812 is dispensed using an applicator gun that attaches to the canister. The foam can be dispensed in a uniform bead which is easy to control and avoids spills and run off. Excess foam can be trimmed or cut away in 10 to 15 minutes depending on temperature and humidity.

Suggested Uses:

Ideal for insulating and sealing between the rough opening and window and door frames. It can also be used to fill large gaps and cracks to seal and prevent air leakage.

Not for use as a fire block or as a fire stop sealant.

Not for direct exposure to ultraviolet light.

PRECAUTIONARY MEASURES FOR USE, HANDLING, STORAGE AND DISPOSAL: Use in a well-ventilated area. Do not get on eyes or skin. Do not breathe vapors. Wear impervious gloves and eye protection with side shields. Do not puncture or incinerate can. 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, container may explode. Store in a cool dry place. Use only as directed. This product is combustible and may constitute a fire hazard if improperly

used. DO NOT USE NEAR OPEN FLAME. Cured foam may be combustible if exposed to flame or temperatures above 240°F. If burned, cured foam may release hazardous decomposition products. For additional information refer to the Safety Data Sheet.

Surface Preparation & Application:

1. Surface must be clean, dry and free of dirt, dust and other contamination.
2. Shake can well before using and intermittently during use.
3. Attach foam applicator gun on to canister
4. Adjust and set control knob to for desired flow
5. Insert applicator tip into gap and pull trigger to release foam
6. Avoid over filling gap. Excess foam can be trimmed in 10 to 15 minutes

Storage: 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 of DAP® Draftstop™ 812 once applicator is removed from foam canister is greatly diminished. It is not recommended to store partially used canisters without the applicator attached.

Cleaning:

Clean gun by removing the foam canister and replacing it with a can of DAP® DraftStop™ 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® DraftStop™ 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.

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.

Safety:

See product label and Material Safety Data Sheet (MSDS) for safety information. You can request an MSDS by visiting our website at dap.com or by calling 1-888-DAP-TIPS.

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Physical & Chemical Characteristics:

| Performance Facts | |
|---|--|
| Amount per Canister: | Net Wt. 26 oz. (1 lb. 10 oz.) 737.09 g |
| Recommended Bead: | 1/2" |
| Coverage per Canister: | Approx: 1500 lin.ft. |
| Recommended Use: Insulating and sealing window and door frames. It can also be used to fill large gaps and cracks to seal and prevent air leakage. | |
| Not Recommended for: As a fire block or fire stop sealant. Not for use in areas with high heat or flames such as stove pipes or fire places. Not to be used for applications requiring ASTM E-136 specification. Not for direct exposure to ultraviolet light. | |
| Features: • Low Pressure, Low Expansion • Non-Rigid • Highly Flexible • Closed Cell • Will not Warp or Bow Window Frames | |
| Adheres To: • Vinyl • Aluminum • Metal • Masonry • Wood • Stucco • Most Common Building Materials | |
| SPECIFICATIONS: | |
| AAMA 812 | Tested in Accordance |
| PHYSICAL PROPERTIES: | |
| Service Temp. Range: | -40°F to 250°F |
| Application Range: | 25°F to 100°F |
| Shelf Life: | 12 months unopened |
| Skin Time: | 10-15 minutes |
| Cure Time: | 24 hour |
| Pressure Build: | 0.186 psi |
| Water Absorption: | >.2% |
| Joint Movement: | 30% |
| R Factor | 5 per inch, Typical |
| Uncured Foam Clean-up: | Acetone (Do not use acetone to clean skin) |
| Cured Foam Clean-up: | Cut or Scrape |
| Will Not Freeze | |

Warranty:

LIMITED WARRANTY: DAP Products Inc. warrants that this product, when applied in accordance with DAP's label, technical bulletins and applicable industry standards, will be free from defects in material for 12 months from the date of purchase, but makes no warranty as to appearance or color. Since methods of application and on-site conditions are beyond DAP's control and could affect performance, DAP makes no other warranties, express or implied, including the warranties of **Merchantability or Fitness for a Particular Use or Purpose**. If a product defect is encountered, call 1-888-DAP-TIPS for warranty fulfillment. You must have your sales receipt and product container available when you call. DAP's **sole** liability is either to supply replacement product or refund the purchase price. DAP will in no event be liable for incidental or consequential damages.

QUESTIONS? Call 1-888-DAP-Tips or visit dap.com & Click on "Ask the Expert"