



# Technical Bulletin

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

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## DAP® Fire Stop Fire-Rated Silicone Sealant

- Meets ASTM E 814/UL 1479 and UL 2079
- Classified for sealing fire-rated service penetrations and construction joints in horizontal and vertical fire separations
- Elastomeric silicone formulation

**Packaging:** 10.1 fluid ounce cartridges (300 mL)

**Colors:** Limestone Gray

**UPC Numbers:** 0 70798 18806 8

### Company Identification:

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

Usage Information: DAP HELPLINE: 888-DAP-TIPS, 9:00 am to 7:00 pm EST.

Order Information: 800-327-3339

Also, visit the DAP website at [www.dap.com](http://www.dap.com).

### Product Description:

**DAP® Fire Stop** is a single component, neutral cure, gun-grade silicone firestopping sealant. It is an elastomeric, high performance sealant capable of meeting the joint movement requirements in a fire-rated joint.

**DAP® Fire Stop** is tested for up to a four hour F-Rating at independent laboratories and is approved for both through penetrations and joint applications.

### Suggested Uses:

Classified for sealing fire-rated service penetrations and construction joints in horizontal and vertical fire separations.

Penetrations:

- Steel, copper and EMT pipe
- Fiberglass pipe insulation
- Construction joints
- Cables

Building Assemblies:

- Concrete and CMU
- Gypsum wallboard

### Applicable Test Standards:

- ASTM E 814/UL 1479: Standard Test Method for Fire Tests of Through Penetration Firestops
- UL 2079: Test for Fire Resistance of Building Joint Systems

## **System Numbers Approved For:**

### ***Joint System Nos:***

FF-S-0036 *(FF-S-0027)	HW-D-0119	HW-D-1012
HW-D-0060	HW-D-0120	WW-D-0056
HW-D-0061	HW-D-0555 *(HW-D-0555)	WW-D-1078
HW-D-0118	HW-D-1011	

### ***Through-Penetration Firestop System Nos:***

C-AJ-1598 *(C-AJ-1336)	W-L-1451 *(W-L-5078)	W-L-5285
C-AJ-5327 *(C-AJ-5142)	W-L-3352 *(W-L-3098)	

**\*Previous System Number**

## **Surface Preparation & Application:**

### ***Installation:***

Refer to the current UL Fire Resistance Directory for complete information or alternative approvals. The firestop system details will cover the required sealant depths, necessary amount of packing material and the permitted joint size or annular space. For exact "F" and "T" ratings and uses, ALWAYS refer to detailed drawings in the current UL Fire Resistance Directory or visit [www.ul.com](http://www.ul.com) to access online information.

1. Apply sealant to clean, dry surfaces free of frost, grease and oil in temperatures above 40°F.
2. Cut nozzle at 45° angle to desired bead size and load into conventional caulking gun.
3. Hold cartridge at 45° angle and fill the opening around the penetrant (annular space) or the linear opening in the joint with the minimum specified thickness of sealant.
4. Do not apply to surfaces previously painted or treated with a sealer, curing compound, water repellent, or other coating without first getting confirmation from the coating manufacturer that their coating is compatible with **DAP® Fire Stop Sealant**. Remove coatings as required. Normally **DAP® Fire Stop Sealant** does not require priming for most common building materials. However, some special surfaces may require a primer. We recommend a trial application before starting a project to test adhesion.

### ***For Best Results:***

- Apply in temperatures above 40°F.
- Store in a cool dry place above 70°F.
- Do not allow product to freeze.
- For annular space exceeding 13/16", a backer support material of mineral wool is required, unless otherwise specified in the assembly configuration.
- Recommended only for use in passive fire containment systems specifically listed or approved for DAP Inc. in the UL Fire Resistance Directory. Do not apply over damp or contaminated surfaces. Not for use in stoves, fireplaces or other areas routinely exposed to high heat or flames, or for ASTM E 136 applications.

## **Physical & Chemical Characteristics:**

Solids:	98% min.
Service Temperature Range:	-60°F to 300°F
Application Temperature Range:	-20°F to 122°F
Tack Free Time:	1 to 2 hours
Cure Time:	14-21 days depending on temperature, humidity, joint depth
Density:	11.07 lbs./gal. min
Paintable:	No
Consistency:	Gun Grade
Shelf Life:	12 months

Applications:  
MSDS No:

Interior  
00077364001

**Clean Up:**

Immediately remove all excess sealant and smears with Xylol or Toluol before sealant cures. DO NOT use solvents to remove product from skin.

**Safety:**

See product label or Material Safety Data Sheet for safety information. You can request an MSDS by visiting our website at [www.dap.com](http://www.dap.com) or by calling 888-DAP-TIPS.

**Warranty**

DAP warrants this product to be free of defects in materials, 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 warranty, express or implied, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE. With respect to this product, DAP's sole obligation shall be to replace, or to refund the purchase price for, the quantity of this product proved to be defective. DAP shall not be liable for any other losses or damages, including incidental or consequential damages. Return used container and sales receipt to DAP Products Inc., Tech. Cust. Serv., 2400 Boston St., Ste. 200, Baltimore, MD 21224 for product replacement.

An **RPM** Company