

# Product Data Sheet



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**Chemical Name:**

## Flame Stop V

**Tested By:**

U.S. Testing Company Inc.

### Description:

Flame Stop V Putty is a material that can be molded similar to Play Dough. The color is red and it is formed into 5 pound blocks, 12 blocks per case. 1 pound fills 24 cubic inches. **ALL FLAME STOP PRODUCTS ARE NON-TOXIC, NON HALOGENATED, CONTAIN NO FORM OF BROMINE AND CONTAIN MOLD AND MILDEW INHIBITORS WHICH ARE EFFECTIVE AGAINST BLACK MOLD**

### Basic Uses:

Flame Stop V is used when a penetration cannot be permitted to transfer air, smoke, water or fumes.

Product can withstand temperature of up to 2000°F for 3 hours. Because it is an Intumescent product, it can also be used on plastic piping. These products are also used for duct, power cable, telephone cable, conduit, steel pipe, glass pipe, insulated pipe, plastic pipe and blank penetrations.

### Advantages:

Class A, 0 flamespread, 20 smoke density. Flame Stop V putty and caulking remains pliable under most atmospheric conditions (unless it exceeds 80°F for extended periods of time. However if pliability is reduced, it will have no adverse effect on its fire stopping capabilities) for easy modification of penetrating items. Flame Stop V provide no shrinkage, no cracking, no slumping. Intumescent to allow expansion when required, easy to install. Flame Stop V is non-toxic, non-flammable, non-carcinogenic.

### Limitations:

A small scale compatibility test is strongly recommended when suitability to a given application, however ordinary construction materials have all been found to be compatible.

### Applicable Standards:

Flame Stop V have been tested to the following standards:  
ASTM E814, ASTM L-119, UL 1479, IEEE 634

### Application:

Flame Stop V requires the same installation method for every common type of penetrant. The caulking may be applied with a fillable caulk gun. It can also be trowelled with an appropriate trowelling tool. The putty may be hand worked to conform to the penetration requirement. It is important to make sure that the sealant contacts all surfaces to insure adhesion. For 3 hour rating, it is necessary to place 1 inch depth of material on both sides of the penetration. Flame Stop V should be covered with a latex paint when exposed to exterior atmospheric conditions to prevent deterioration.

**Warranty:** This product is sold on condition that the user will evaluate them to determine their suitability for their purpose. Flame-Block of Kansas, LLC & Flame Stop, Inc. warrants that each quantity of Flame Stop V will be the kind designated and free of defects and no other warranty is implied since we have no control over the application.

### Technical Support

<b>Appearance:</b>	Red
<b>Density:</b>	24 cu in per lb.
<b>flammability:</b>	per E-84-79A
<b>Flame Spread:</b>	0
<b>Smoke Density:</b>	20
<b>Expansion:</b>	Minimum 100%
<b>Curing Time:</b>	None required