

# FireBand Intumescent Silicone Firestop

**SELF-SEAL®**  
FIRESTOPPING PRODUCTS

## TECHNICAL DATA SHEET

**Self-Seal® FireBand** is an intumescent silicone rubber wrap strip encapsulated within a poly bag and is designed to seal combustible pipe penetrations in fire-rated walls and floors. The wrap strip is tightly wrapped around the combustible pipe and held in place with an adhesive strip on the bag. The silicone composition exhibits excellent performance stability and when exposed to temperatures in excess of 300°F (150°C) it will begin to expand. As the pipe softens and collapses under fire conditions, the silicone composition will rapidly intumesce to fill the void with a patented char composite that contains expanded graphite. The wrap strips are pre-fabricated to fit 1-1/2" (38 mm), 2" (51 mm) and 3" (76 mm) trade sized pipes.

**Self-Seal® FireBand** is also in compliance with the 3rd edition of ANSI / UL1479 "Fire Tests of Through Penetration-Firestops", for the following environmental exposure tests: Accelerated Aging; High Humidity; Industrial Atmosphere (SO<sub>2</sub> and CO<sub>2</sub>) and Combination Wet, Freeze and Dry Cycling.

### FEATURES & TYPICAL USES:

**Self-Seal® FireBand** can be used to firestop solid core Polyvinyl Chloride (PVC) vented and Chlorinated Polyvinyl Chloride (CPVC) sprinkler pipe penetrations. Drain, waste and vent pipe penetrations firestopped with **Self-Seal® FireBand** meet the Canadian building code test requirement for a pressure differential of 50 Pa between the exposed and unexposed sides of concrete, **framed** floor-ceiling and drywall fire separations. **Self-Seal® FireBand also has some limited applications with solid or cellular core Acrylonitrile Butadiene Styrene (ABS), IPEX XFR® 15-50 PVC, and Crosslinked Polyethylene (PEX) penetrants.**

Before ordering, consult Self-Seal® firestop listings to confirm that there is a firestop system for your particular site condition. Self-Seal® MECHANICAL and ELECTRICAL APPLICATION CHARTS can be used as a quick reference. Self-Seal® FireBand is only recommended for use in firestop systems that are listed in the APPLICATION GUIDELINES FOR Self-Seal® FireBand SILICONE FIRESTOP WRAP STRIPS.

### INSTALLATION:

- All substrates must be clean and sound; free of oil, frost, grease, dust, and other foreign materials.
- Select the wrap strip to fit the diameter of the pipe to be firestopped. The wrap strip is tightly wrapped around the pipe and held in place with an adhesive strip provided on the bag. The wrap strip is then slid into the opening and positioned as specified in the firestop system listing. The annular space between the pipe / wrap strip / periphery of the opening is then sealed with **Self-Seal® GG-200** or **GG-266** or in accordance with the firestop system listing. Wrap strips are applied on both sides of wall penetrations and certain floor assemblies. See **APPLICATION GUIDELINES FOR Self-Seal® FireBand SILICONE FIRESTOP WRAP STRIPS** for further details

### MANUFACTURED BY:

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Guelph, ON N1K 1N5



FORM: FIREBAND\_TDS.DOC

REV.: 5 DATE: 07/10



### FEATURES:

- 100% Intumescent Silicone.
- Pre-fabricated.
- Protects your wall & floor openings.
- Low profile for hard to fit angles.
- Expands to close penetrations.
- Tested at positive pressure to simulate the pressure differentials that can occur in a fire situation.

### AVAILABLE SIZES & COLOUR:

- Pre-fabricated wrap strips to fit trade pipes sizes of;
- 1-1/2" (38 mm)
- 2" (51 mm)
- 3" (76 mm)



[www.SelfSealFirestops.com](http://www.SelfSealFirestops.com)

# FireBand Intumescent Silicone Firestop

## SPECIFICATIONS:

SELF SEAL® FireBand meets:

- ASTM E-814,
- ANSI / UL1479,
- UBC 7-5 and
- CAN/ULC-S115

## TYPICAL PROPERTIES\*:

These values are not intended for use in preparing specifications. Spec Writers; please contact NUCO Inc. before writing specifications if any further information is required.

Description	Specification
As Supplied...	
Specific Gravity:	1.26 – 1.29
Free Expansion Volume:	> 9 times original volume when heated at 350°C (662°F)

*\*These values are for general information and not for specification purposes.*

## DISCLOSURE

The information and data contained herein is BASED ON INFORMATION WE BELIEVE TO BE RELIABLE. Please read all statements, recommendations or suggestions herein in conjunction with our CONDITIONS of SALE which apply to all goods supplied by us. We assume no responsibility for the use of these statements, recommendations or suggestions, nor do we intend them as recommendation for any use which would infringe any patent or copyright.

## WARRANTY INFORMATION:

NUCO Inc., warrants only that its product will meet its specifications. NUCO shall in no event be liable for incidental or consequential damage. NUCO's liability, expressed or implied is limited to the stated selling price of any goods found to be defective.

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