

## Self-Seal® TYPE-SSC INTUMESCENT FIRESTOP COLLAR



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® Type SSC is only recommended for use in firestop systems that are listed in the APPLICATION GUIDELINES FOR Self-Seal® Type SSC SILICONE FIRESTOP COLLARS.

Self-Seal® Type-SSC is a pre-fabricated collar designed to seal combustible pipe penetrations in fire-rated walls and floors.

The galvanized metal collar houses a molded silicone rubber intumescent ring. The silicone composition exhibits excellent performance stability and when exposed to temperatures in excess of 150°C (300°F) 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.

### ■ FEATURES & TYPICAL USES:

#### Features:

- 100% intumescent silicone
- Prefabricated
- Protects your floor & wall 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

Self-Seal® Type-SSC seals combustible service penetrations in fire and smoke rated wall or floor separations.

#### Basic uses include firestopping:

- Solid or cellular core PVC
- Solid or cellular core ABS
- IPEX XFR® 15-50
- CPVC
- IPEX Aquarise®
- PEX
- FRPP
- Closed or vented pipe penetrations
- Solid core PVC
- IPEX XFR® 50-5 PVC vented
- CPVC sprinkler systems



### ■ SURFACE PREPARATION & APPLICATION:

**Before Use:** Read the label in its entirety.

#### Surface Preparation:

- Surfaces must be structurally sound, clean, dry, and free from oil, grease, water, dirt, or any other material and membranes that may deter adhesion.

#### Application:

1. See application guidelines for information regarding installation.
2. Follow all instructions in system/listing for each application. If you need help, call us at 1-800-853-3984.
3. Select the collar to fit the diameter of the pipe to be firestopped.
4. Flex the collar and silicone rubber ring, place around the pipe and slide the collar until the anchor tabs are firmly against the underside of the floor or the surface of the wall.
5. Secure the collar by inserting the collar tab into the adjacent slot and then bend it back (the 6" (152 mm) collar is latched with a stainless steel hose clamp).
6. Mark the holes in the anchor tabs and pre-drill to accommodate 1/4" (6.4 mm) x 1-1/4" (32 mm) Tapcon type concrete anchors to be used in conjunction with 1-1/4" (32 mm) diameter fender washers or to accommodate 3/16" (4.7 mm) x 3" (76 mm) toggle bolts in drywall applications. Apply collars on both sides of a wall penetration.

**SELF-SEAL®**  
FIRESTOPPING PRODUCTS

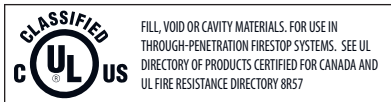
# Self-Seal® TYPE-SSC INTUMESCENT FIRESTOP COLLAR

## 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
<b>As Supplied...</b>	
Specific gravity:	1.26 - 1.29
Free expansion volume (heated):	>9 times original volume at 350°C, (662°F)
Service temperature range	-10° - 110°C, (-14° - 230°F)
ASTM E-84 - Surface burning characteristics:	FSI = 0; SD = 27

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



## SPECIFICATIONS:

**Self-Seal® Type-SSC Intumescent Silicone Firestop Collar** meets:

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

FBC™ System Compatible indicates that this product has been tested, and is monitored on an ongoing basis, to assure its chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® piping systems and products made with TempRite® Technology. The FBC System Compatible Logo, FBC™, FlowGuard Gold®, BlazeMaster®, Corzan®, and TempRite® are trademarks of Lubrizol Advanced Materials, Inc. or its affiliates.

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## STORAGE AND SHELF LIFE:

- Shelf life is indefinite when stored in a dry location.

## SAFETY DATA:

- Self Seal Type-SSC is considered an article as per OSHA 29 CFR 1910.1200 and Canadian Hazardous Products Regulation SOR/2015-17.
- Articles meeting the above definition are not regulated by OSHA 29 CFR 1910.1200 or SOR/2015-17 and are exempt from SDS and label requirements.

## MANUFACTURER INFORMATION:

NUCO Inc. 150 Curtis Drive T: 519-823-4994  
Guelph, ON N1K 1N5 F: 519-823-1099

TF: 1-800-853-3984  
E: info@nucoinc.com

## AVAILABLE SIZES:

SKU	Size	Pack
25015	1 ½"	10
25020	2"	10
25030	3"	10
25040	4"	10
25060	6"	1

## LIMITED WARRANTY INFO:

NUCO Inc., warrants only that its product will meet its specifications for a period of 12 months following date of manufacture. NUCO shall in no event be liable for incidental or consequential damage, or improper storage. NUCO's liability, expressed or implied is limited to the stated selling price of any goods found to be defective.