



INFS0812 Intumescent Strip / SSCI Firestop Collar



Description

INFS0812 Intumescent Strip is a proprietary fire retardant flexible strip bonded on one side to aluminum foil.

SSCI Firestop Collar is a stainless steel collar intended to be used in conjunction with INFS0812 Intumescent Strip to tightly seal any opening that is created as a material is consumed by fire. This combination will restore the fire resistance rating of walls, floors and seals against the passage of flames, toxic fumes and smoke. INFS0812 Strip and SSCI Collar are designed to make installation quick and easy.

Uses

INFS0812 can be used on any through-penetration items. SSCI can be used on plastic or nonmetallic pipes.

Feature

- Proprietary intumescent properties
- Quick expansion rate efficiently seals all gaps
- Can be cut to fit to any size or shape to fit irregular openings

Specification of INFS0812

Width	60mm, 80mm, 120mm
Standard size	5mm(T) X 2M(L)/pc
Expansion rate	≥ 20 times
L.O.I.	≥ 40
Environmental exposure tests	(As per UL1479 request)
• Accelerated aging (158±5°F for 270 days)	pass
• High humidity (97-100%RH & 95±3°F for 180days)	pass

Applications



Test

- UL1479, 3hrs, T Rating and F Rating
- ULC S115 2hrs FTH Rating
- FM approved
- ASTM E814
- CNS15814-1
- CNS14514, 3hrs, Class A and B
- GB23864
- ASTM E662

Installation guide

1. Release hose clamp screw and disassemble the SSCI-X Firestop Collar.
2. The required number of layers of wrap strip are individually and tightly wrapped around each nonmetallic through penetrant and secured together by means AL-foil tape.
3. Wrap strip shall be butted against floor bottom or both surfaces of wall.
4. Collar shall then be wrapped around the outer circumference of the wrap strip and secured with a steel hose clamp (for collar width 120mm, use 2 hose clamps).
5. Secure collar to floor bottom or wall on both sides of opening by means of 1/4-20 concrete wedge anchors in accordance with installation instructions.
6. One anchor shall be placed through each mounting bracket of the collar.

Specification of SSCI

Nominal size of pipe	2"	3"	4"	5"~6"	7"~8"	9"~12"
Intumescent strip layers	1	2	2	3	3	4
Collar width (mm)	60	60	60	60	80	120
Number of fixing tabs	3	3	4	6	6	8