



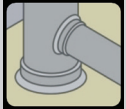
INFS0812

Intumescent Strip

Applications



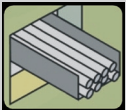
Insulated Pipe



Plastic Pipe



Multiple Penetrations



Cable Tray



Description

INFS0812 Intumescent Strips are quickly and easily installed providing a convenient solution for firestop contractors. Providing high expansion rate and volume means that the INFS0812 design requires less strips to seal the openings, making it more cost effective than other traditional firestop intumescent strips.

INFS0812 Intumescent Strips expand when heated and maintain a tight seal. When used with combustible penetrants such as plastic pipe, INFS0812 blocks the spread of fire, smoke, toxic gases, even as the penetrant is consumed by fire.

INFS0812 Intumescent Strips are also used in conjunction with our SSCI Firestop Collar to tightly seal any opening that is created as a combustible item is consumed by fire.

Meets the intent of LEED® VOC environmental air quality requirements.

Specifications

INFS0812:	5mm x 60mm x 2M
Color:	Black
Expansion rate:	≥20 times
L.O.I.:	≥40
In-Service Temperature:	-13° F - 176° F (-25° C - 80° C)
Storage Temperature:	40° F to 104° F (5° C to 40° C)
Environmental Aging as per UL 1479:	Pass
Accelerated aging (158± 5°F for 270 days)	Pass
High humidity (97-100% RH & 95 ± 3°F for 180 days)	Pass

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Testing

ASTM E 814 up to 3 hr F and T Ratings

UL 1479 3 hr F and T Ratings

L Rating at Ambient – Less than 1 cfm/sq. ft.

CAN/ULC S115 2 hr FTH Ratings

Meets 50 Pa requirement

FM Approved

ASTM E 84 – Flame 0 Smoke 0

CNS 14514 3 hr Class A and B

GB 23864

ASTM E662 & FAR 25.853 (1998)



Installation guide:

1. Refer to applicable certification directory or www.painttoprotect.com for listed assemblies.
2. Ensure application area is clean and free of oil, loose dirt, rust or scale.
3. **If Required** – Install min 4 pcf (64 kg/m³) mineral wool batt insulation firmly packed into opening as a permanent form, as detailed in Listed system.
4. The required number of layers of wrap strip are to be individually and tightly wrapped around each nonmetallic through penetrant and secured together by means of AL-foil tape.
5. Wrap strip shall be butted against floor bottom or both surfaces of wall, or as detailed in Listed assembly.
6. Seal penetration against smoke using INSS1440 or INSS2460 Sealants.