



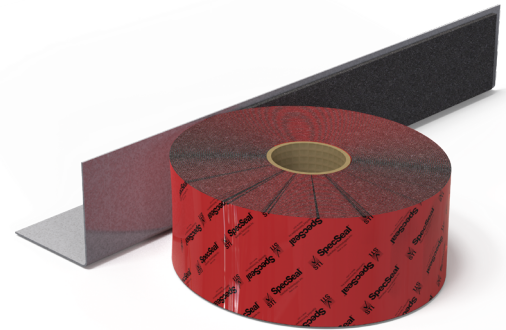
# FyreFlange® HVAC Firestop Gasket

FyreFlange® HVAC Firestop Gasket is an intumescent gasket designed to be paired with minimum 20 gauge 2" x 2" steel retaining angle and be installed around the perimeter of non-dampened square or rectangular steel ducts. FyreFlange® HVAC Firestop Gasket meets the exacting criteria of ASTM E814 (UL1479) and CAN/ULC S115.

Unlike traditional duct firestopping methods utilizing backer or packing materials, sealants, and angles installed and inspected in stages, FyreFlange® HVAC Firestop Gasket is applied as the duct is installed. The FyreFlange® gasket is maintenance-free after the post-installation inspection.

## Applications

FyreFlange® HVAC Firestop Gasket is engineered for use with steel ducts up to 92 in (234 cm) by 96 in (244 cm) installed through barriers rated up to and including 2 hours tested designs. Testing systems include options for non-insulated duct as well as ducts insulated with up to 2 in (51 mm) thick 3/4 pcf (12 kg/m cu) glass fiber duct wrap. Corner clips are available to provide structural support for ductwork exceeding 24" x 48".



## Specifications

The intumescent gasket shall be paired with minimum 20 gauge, 2" x 2" retaining angle. The intumescent gasket shall provide a minimum 15x free expansion and shall contain no water soluble expansion ingredients. Fire-rated intumescent gasket shall be UL Certified and tested to the requirements of ASTM E814 (UL1479) and CAN/ULC-S115

### Specified Divisions

Division 7	07 84 13	Penetration Firestopping
Division 23	23 00 00	HVAC

## Performance

FyreFlange® HVAC Firestop Gaskets are the basis for firestop systems for non-rated square or rectangular duct penetrations that meet the exacting criteria of ASTM E814 (UL1479) and CAN/ULC-S115. UL Systems have been tested for common forms of construction for up to 2 hours.

## Maintenance

No maintenance is ordinarily required with a product of this nature. Periodically inspect all fire-rated barriers to confirm that they are properly sealed.



## System Selection

To find your firestop system or create a submittal, visit <https://systems.stifirestop.com/> to use System Search & Submittal Builder. You may also visit the [UL Online Certifications Directory/UL Product iQ™](#) for complete listings. (Firestop Systems).

## Technical Service

Specified Technologies Inc. provides toll free technical support to assist in product selection and appropriate installation design. UL System designs suitable for submittal or specification purposes are available on request. A complete library of technical information is provided at the company's website [www.stifirestop.com](http://www.stifirestop.com) including Safety Data Sheets (SDS's).

## PHYSICAL PROPERTIES

Dimensions	4.5" x 150' (114 mm x 45.7 m)
Material Thickness	0.06" (1.5 mm)
Weight	10.9 lbs (4.9 kg) *Full Roll
Color	Red
Expansion Begins	350°F (177°C)
Expansion Range	15x (Typical Free Expansion)
In Service Temperature	Less than 130°F (54°C)
Radiation Exposure	Unaffected
VOC Content	N/A
Shelf Life	No Limit

## Features & Benefits

- One step installation
- Economical – saves labor
- No additional firestop or packing materials required
- Eliminates the need for multiple inspections
- Can be installed over or under duct insulation



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## Precautionary Information

Wear appropriate safety equipment and exercise proper care when cutting metal. Cut edges may be sharp. Exercise care when handling.

## Availability

FyreFlange® Firestop Products are available from Specified Technologies Inc. (STI) authorized distributors. For additional purchasing and technical information or for the names and locations of the nearest representative and/or distributor, regarding this and other Specified Technology products, please call 1-800-992-1180 or visit [www.stifirestop.com](http://www.stifirestop.com).

## Patents

US2007261339A1; US7797893B2; US2007261343A1; US7685792B2

### ORDERING INFORMATION

Catalog Number	UPC Number	Description	(UOM) Qty.	Case Qty.	Weight (Each)
FFG100	730573302217	FyreFlange® HVAC Firestop Gasket (150' Roll)	1	1 Roll	10.85 lbs. (4.93 kg)

### ORDERING INFORMATION - ACCESSORIES

Catalog Number	UPC Number	Description	(UOM) Qty.	Case Qty.	Weight (Each)
FFC22	730573300220	FyreFlange® Corner Angle Pack – 8 per pack	1	1 Bag	0.89 lbs (0.40 kg)

Get the exact size you need for your next project!  
 Contact your local distributor or call 800-992-1180 to receive a quote.

IMPORTANT NOTICE: ALL STATEMENTS, TECHNICAL INFORMATION, AND RECOMMENDATIONS CONTAINED HEREIN ARE BASED UPON TESTING BELIEVED TO BE RELIABLE, BUT THE ACCURACY AND COMPLETENESS THEREOF IS NOT GUARANTEED.

STI TYPICALLY WARRANTIES ITS PRODUCTS FOR ONE FULL YEAR. FOR COMPLETE DETAILS OF OUR STANDARD WARRANTY, PLEASE VISIT [WWW.STIFIRESTOP.COM/LEGAL/WARRANTY](http://WWW.STIFIRESTOP.COM/LEGAL/WARRANTY)

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