



SFL

A Sphering Company

Quality range of multi-fuel flexible liners from SFL.

Flex Range

Multi-Fuel Flexible Chimney Liners



TUBEX
PLUS

Triple Skin 13mm
Insulated Flexible Liner

TUBEX

Twin Skin Flexible Liner

In partnership with



A member of the SFL Residential Product Range

www.sflchimneys.com

SFL Flex Range



Product Features



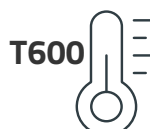
MULTI- FUEL STOVES



FAST & EASY
INSTALLATION



STAINLESS STEEL



TEMPERATURE CLASS



PRESSURE CLASS



'W'
CONDENSATE RESISTANT

Safety Quality Efficiency

Tubex & Tubex Plus - Twin Skin
and Triple Skin Insulated Flexible
Lining System

To complement our current product offering SFL have partnered with European chimney manufacturer Tubest to develop a range of flexible liners designed specifically to our design requirements.

The comprehensive range includes the unique designed triple skin insulated flex suitable for today's high efficiency appliances and where it would be required to insulate the liner using traditional methods, as well as the more conventional twin skin flexible liner.

All products are available in 125mm and 150mm diameter and are complimented by a range of adaptors to cover our twin wall and single wall chimney products. Why not also take a look at our other SFL brands such as the Sigma, Sflue and Nova.

Approvals & Quality marks



Tubex Plus

Triple skin insulated multi-fuel flexible liner

No more pouring
No more wrapping

TUBEX
PLUS



Tubex Plus is a unique triple skin insulated multi-fuel flexible liner. Its construction is made up from a 316L (1.4404) twin skin liner, a 13mm high density insulated core and a single skin 304 (1.4301) stainless steel outer casing to protect and secure the integrity of the insulated core.

The unique design allows maximum flexibility and ease of installation, while the insulated core offers excellent thermal resistance to maximise natural draft production and rapid draft stabilisation to ensure optimum efficiency of the appliance. Ideal for use on modern high efficiency wood burning and multi-fuel appliance and application where it is necessary to insulate a traditional flexible flue liner.

Tubex Plus is offered with a conditional lifetime warranty.

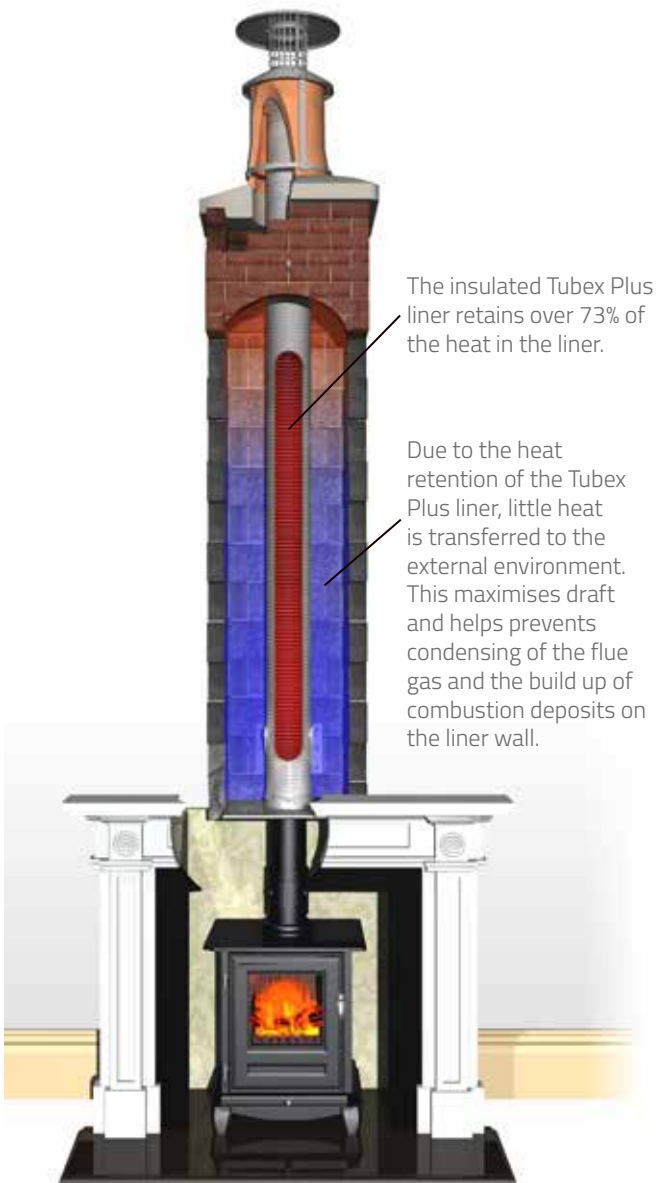
TUBEX PLUS Benefits

Traditional Insulation Methods 'V' Tubex Plus

Insulating a flexible liner within a masonry chimney is common and is usually achieved either by back filling the chimney with a granular insulant or wrapping the flexible liner using either mineral wool insulation or a fabricated insulation jacket. These methods are time consuming and can lead to further issues over time.

Tubex Plus offers a unique cost-effective alternative in the form of a fully manufactured prefabricated insulated flexible liner. With Tubex Plus, you can now install a fully insulated flexible liner just the same as a conventional liner, but with no back filling, no wrapping and no jackets.

- **Average 73% heat retention in liner**
- **Rapid draft stabilisation and draft production**
- **Minimum heat loss to external environment**
- **Minimise potential build-up of combustion deposits on liner due to condensation of flue gases**
- **Strong draft production to help counter downdraft issues**
- **Improved combustion and maintain optimum efficiency of the appliance.**



Tubex Plus

Triple skin insulated multi-fuel flexible liner

Tubex Plus Specification

Specification	Class
Inner Liner	316L (1.4404) Stainless Steel
Thickness	2 x 0.1mm
Insulation	13mm Density 90Kg.m ⁻³
Thermal Resistance	0.12 m ² .K.W ⁻¹ @ 200°C
Thermal Conductivity (k)	0.062 W.m ⁻¹ .K ⁻¹
Outer Case	304 (1.4301) Stainless Steel
Thickness	0.1mm
Temperature Rating	T600 (Max. 600°C)
Pressure Class	Negative (N1)
Condensate Resistant	Yes
Soot Fire Resistant	Yes
Corrosion Resistance	V2
Distance to Combustible	200mm - T600 G200 assessed to EN 1856-1

Internal Diameter	Max. External Diameter	Max. Bend Radius	Weight (Kg) Per Mtr
125mm	161mm	250mm	2.0
150mm	186mm	250mm	2.64

Approvals

Tubex Plus is CE marked to EN 1856-2, certificate no. 0476-CPR-8847 and manufactured under the strict quality management system of ISO 9001. As an insulated product, Tubex Plus has also been assessed to the performance requirement of EN 1856-1, achieving a distance to combustible to 200mm at T600 G.



Performance Designations



EN 1856-2 T600 N1 W V2 L50010 G

0476-CPR-8847



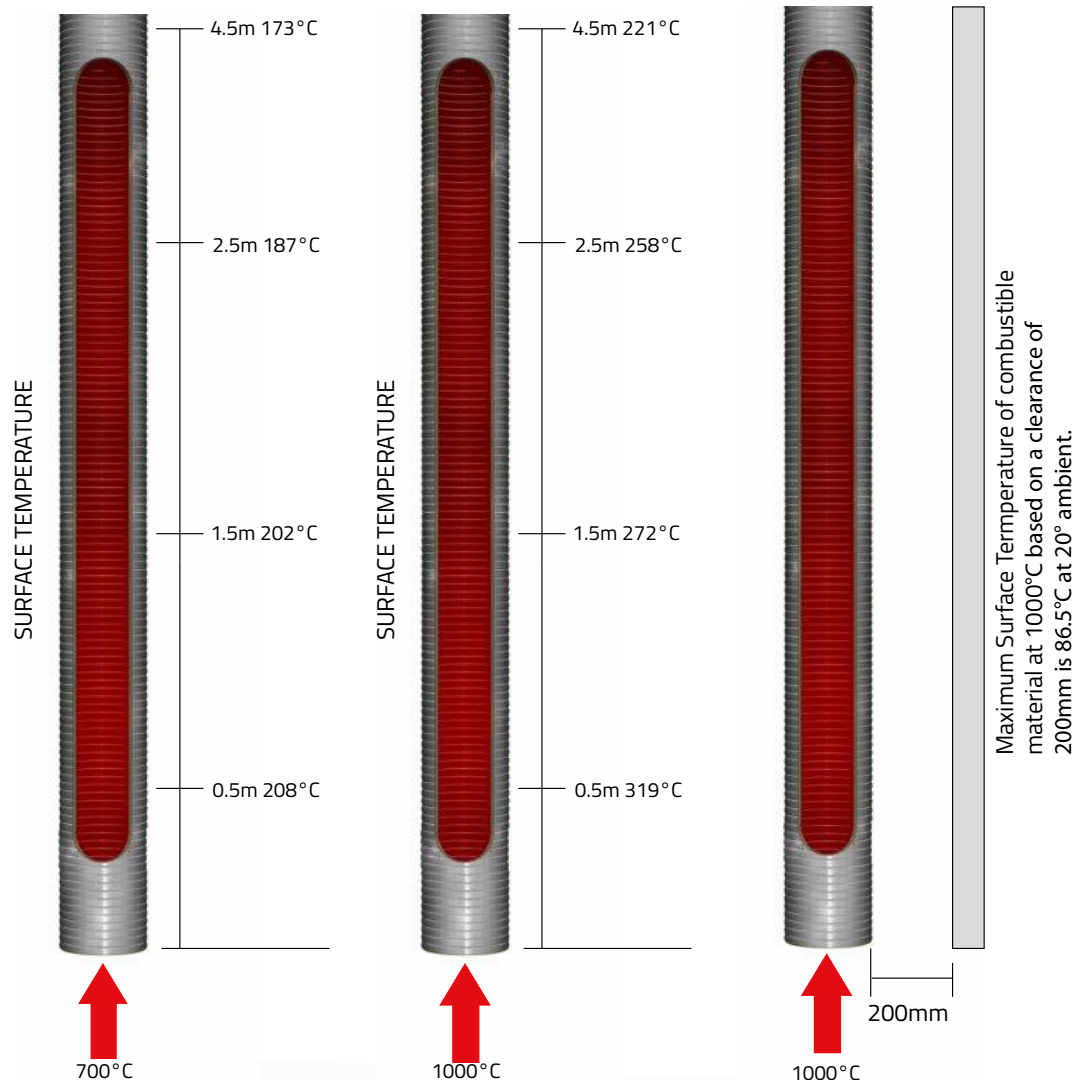
IMPORTANT:

Although Tubex Plus has been assessed to EN 1856-1, under no circumstances should Tubex Plus be used for internal applications where the chimney is required to pass within a room space or through floor / roof penetrations. For such applications Nova or Sflue twin wall insulated product brands **MUST BE USED**. **Tubex Plus must only be used for re-lining masonry chimneys unless the countries local building codes and regulations dictate otherwise.**

Tubex Plus

Triple skin insulated multi-fuel flexible liner

Surface Temperature Distribution at 700°C and Sootfire (1000°C) as assessed to EN 1856-1



TUBEX
PLUS



Tubex Plus Components

Triple skin insulated multi-fuel flexible liner

Pre-packaged Tubex Plus Coil Lengths

Tubex Plus is supplied in standard 6m, 8m and 10m coiled cut lengths and packaged in foam and shrink wrapped in polythene.



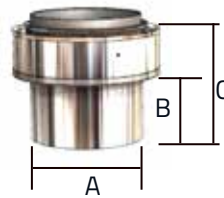
Size	6m	8m	10m
125	0600612	0600812	0601012
150	0600615	0600815	0601015

Screwed Design Product Adaptors



Sflue to Tubex Plus Adaptor

Size	A	Part Number
125	108	0603212
150	108	0603215



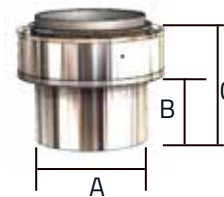
Sigma to Tubex Plus Adaptor

Size	A	B	C	Part Number
125	126	74	124	0603112
150	151	74	124	0603115



Nova to Tubex Plus Adaptor

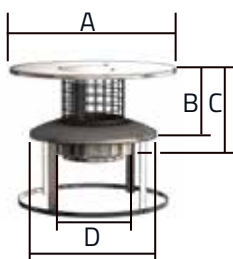
Size	A	Part Number
125	102	0603312
150	102	0603315



Plain Adaptor to Tubex Plus Adaptor

Size	A	B	C	Part Number
125	123	93	145	0603412
150	144	93	145	0603415

Terminals



Tubex Plus Standard Pot Hanging Screwed Terminal + Guard

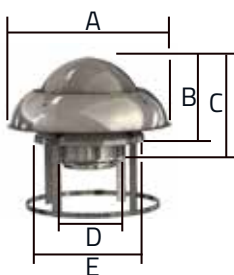
Size	A	B	C	D	E	Part Number
125	400	175	195	165	255	0604312
150	400	175	195	188	309	0604315



Ancillaries

Nose Cone

Size	Part Number
125	0605012
150	0605015



Tubex Plus Eurocowl Pot Hanging Screwed Terminal + Guard
(Coming Soon)

Size	A	B	C	D	E	Part Number
125	380	156	210	165	255	TBA
150	380	156	210	188	309	TBA



Download Product
Installation Instructions
& Brochure

TUBEX



Tubex is a high-quality twin skin multi-fuel conventional flexible flue liner suitable for multi-fuel, gas and oil fired applications up to a maximum flue gas temperature of 600°C. CE marked to EN 1856-2 as a fl.

Manufactured from high grade 316L (1.4404) stainless steel using a twin skin construction, Tubex is offered with a conditional lifetime warranty.

Tubex is available in a range of coiled lengths and is supported with a growing range of screwed type product adaptors, terminals, and ancillaries, specifically designed to complements SFL's product range.

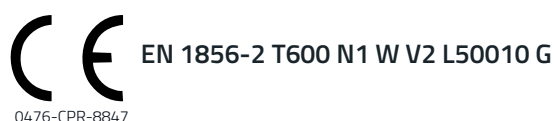
Where used on modern higher efficiency wood burning appliance or where it is required to insulated the liner, SFL would recommend the use of the Tubex Plus insulated version.

Specification

Specification	Class
Inner Liner	316L (1.4404)
Thickness	2 x 0.1mm
Temperature Rating	T600 (Max. 600°C)
Pressure Class	Negative (N1)
Condensate Resistant	Yes
Soot Fire Resistant	Yes

Internal Diameter	External Diameter	Max. Bend Radius	Weight (Kg) Per Mtr
125mm	130mm	200mm	0.92
150mm	156mm	250mm	1.10

Performance Designations



Tubex Components

Twin skin multi-fuel flexible liner

Pre-packaged Tubex Coil Lengths

Tubex is supplied in standard 6m, 8m and 10m coiled cut lengths and packaged in foam and shrink wrapped in polythene.



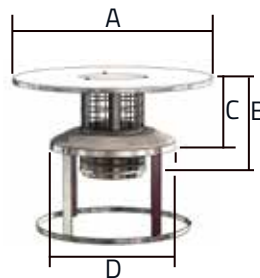
Size	6m	8m	10m
125	0500612	0500812	0501012
150	0500615	0500815	0501015

Product Adaptors



Sflue to Tubex Screw Adaptor

Size	A	Part Number
125	117	0503212
150	117	0503215



Terminals

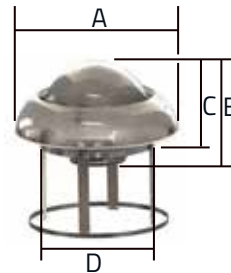
Tubex Standard Pot Hanging Screwed Terminal + Guard

Size	A	B	C	D	Part Number
125	400	195	175	255	0504312
150	400	195	175	309	0504315



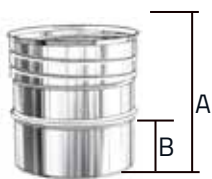
Nova to Tubex Screw Adaptor

Size	A	Part Number
125	108	0503312
150	108	0503315



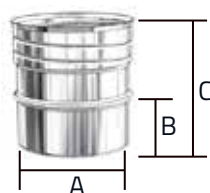
Tubex Eurocowl Pot Hanging Screwed Terminal + Guard
(Coming Soon)

Size	A	B	C	D	Part Number
125	380	210	156	255	TBA
150	380	210	156	309	TBA



Sigma to Tubex Screw Adaptor

Size	A	B	Part Number
125	130	50	0503112
150	130	50	0503115



Plain End Screwed Adaptor

Size	A	B	C	Part Number
125	123	80	150	0503412
150	145	80	150	0503415



Ancillaries

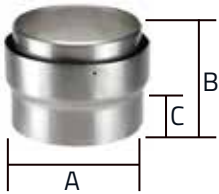
Screwed Tubex Nose Cone

Size	Part Number
125	0505012
150	0505015

For a full range of specific products adaptors that are also suitable for Tubex, please see actual product literature

Miscellaneous Flex Adaptors

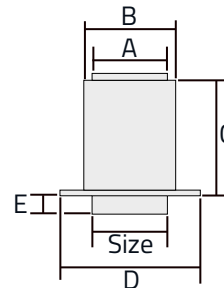
Used for generic connecting flue pipes and Flex Liners



Generic Flex Adaptor

Complete with fixing holes

Size	A	B	C	Part Number
125	120	123	60	FA16005
150	145	123	60	FA16006



Generic Register Plate Dimensions

Size	A	B	C	D	E
118	118	140	165	234	33
145	145	167	165	234	33
125-150 Inc	145	167	170	234	46

Generic Flex Adaptor - Bolted

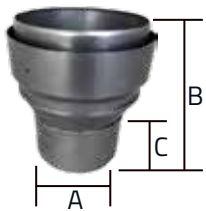
Complete with 3no. hex head setscrews for easy fixing.



Size	A	B	C	Part Number
125	120	123	60	MA1-125
150	145	123	60	MA1-150



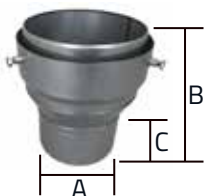
The Tubex and Tubex Plus products are evolving. Keep an eye out at www.sflchimneys.com or through our social media channels for new product developments.



Generic Increasing Tubex Adaptor

Complete with fixing holes

Size	A	B	C	Part Number
125 - 150	120	183	62	IA17006



Generic Increasing Tubex Adaptor (Bolted)

Complete with 3no. hex head setscrews for easy fixing.

Size	A	B	C	Part Number
125 - 150	120	183	62	MR1-125

Generic Register Plate Adaptor



Size	Part Number
118	PA17005
145	PA17006
125-150 Inc	PA17056

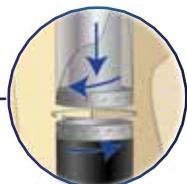
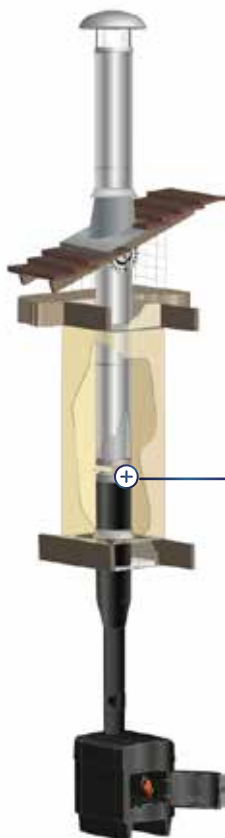
Complimentary Products

NOVA / SIGMA / S-FLUE



The NOVA® family of products has been specifically designed to meet the requirements for multi-functional applications serving a variety of fuels for both commercial and residential buildings.

Whether serving a traditional negative draught appliance or a modern high efficiency condensing appliance, the NOVA® product offers the ideal solution. With a wide range of components together with a unique multi-barb twist-lock jointing system, NOVA® offers the ultimate in ease of installation, quality and functionality. With a 16 barb twist lock coupler, the strength of the joint design allows Nova to be installed up to 3 metres above the last support without the need to any additional structural components



TWIST-LOCK
JOINTING SYSTEM



Product Certification



NOVA

Twin Wall Insulated Stainless Steel
Multi Fuel Chimney System

Applications

Multi fuel stoves
Wood chip & pellet biomass
Gas / oil pressure jet & condensing
CHP

Product Features

Fully welded
Fast twist-lock installation
High thermal performance
High strength and durability
3 metre free-standing capability
16 barbed coupler for high strength

Technical Specification

Diameter Range - 100mm-600mm

Construction - Twin Wall Insulated

Insulation Thickness - 25mm

Insulation Density - 250 Kg/m³

Inner Liner - Stainless steel 0.5mm 316L

Outer Case - Stainless steel 0.5mm 304BA

Performance Specification - EN 1856-1

T160 H1 W V2 L50050 050 (DN100-DN200)

T200 P1 W V2 L50050 050

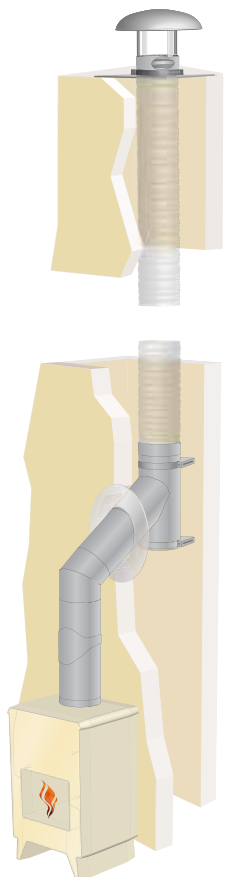
T450 N1 D V3 L50050 G50

T600 N1 D V3 L50050 G50

For positive pressure capabilities, seals are required. Also approved to EN 1856-2 for use as a liner or connecting flue pipe

Complimentary Products

NOVA / SIGMA / S-FLUE



SIGMA has been specifically designed as a connecting flue pipe to facilitate connection between a multi-fuel appliance and either an existing masonry chimney, flexible multi-fuel liner or a prefabricated twin wall system chimney.

This product has been developed to offer a smooth aesthetically pleasing joint without the need of an additional locking band. Sigma is manufactured from 1mm 316L stainless steel for maximum corrosion resistance and is available four diameters covering 127, 152, 178 and 202mm.



Product Certification



SIGMA

Single Wall Multi Fuel Connecting Flue Pipe

Applications
Multifuel stoves

Product Features
Fully welded
Cost effective
Smooth joint system
Extensive range of component

Technical Specification

Diameter - 127mm (5") -202mm (8")

Construction - Single Wall

Material - Stainless Steel 316L

Performance Specification - EN 1856-2

T600 N1 D V3 L50100 G400 M

Where Sigma is painted, the distance to combustible GXXX MUST be based on 3 x Pipe Diameter

SFLUE

Twin Wall Insulated Stainless Steel Residential Multi Fuel System Chimney

Applications
Multi fuel stoves

Product Features
Fully welded
Fast twist-lock installation
High thermal resistance
High strength and durability
8 barb coupler for strength

Technical Specification

Diameter - 127mm-203mm

Construction - Twin Wall Insulated

Insulation Thickness - 25mm

Insulation Density - 250 Kg/m³

Inner Liner - Stainless steel 0.4mm 316L

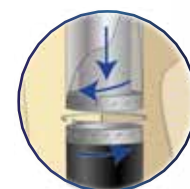
Outer Case - Stainless steel 0.4mm 304BA

Performance Specification - EN 1856-1

T450 N1 D Vm L50040 G50

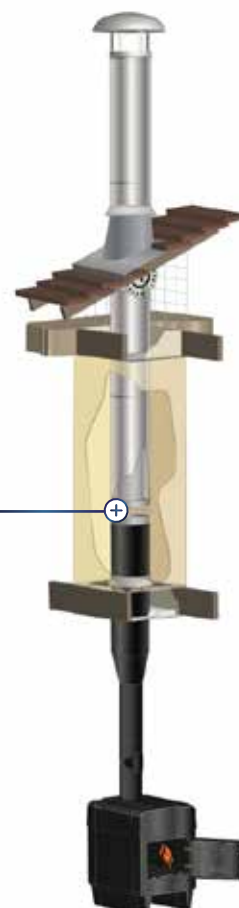
S-FLUE has been specifically designed to meet the requirements for multi-fuel appliances that operate under negative or neutral draught conditions in residential properties. For condensing and positive pressure applications please refer to the Nova product.

With a specific range of components and a multi-barb twist-lock jointing system, Sflue offers the ultimate in ease of installation and quality at a competitive price. It's a CE approved product and has been tested to the requirements of BS EN 1856-1.



TWIST-LOCK JOINTING SYSTEM

Product Certification



About Us

Since 1969 we have provided expertise in system design and innovation for commercial, domestic and industrial applications, with uncompromised customer service. Our portfolio of trusted brands are known throughout the world for their engineering excellence.

Nova

Premium multi functional twin wall insulated twist lock chimney system suitable for a wide range of applications covering both commercial and residential markets.

Sflue

Market leading twin wall insulated twist lock chimney system design to meet the requirements for multi-fuel residential appliances

IL

Twin wall aluminium gas venting system. Suitable for domestic and small commercial applications.

Sigma+

Single wall 1mm 316L imperial Connecting Flue Pipe for use on multi-fuel stoves prior to connection to the chimney. Incorporates a close tolerance push fit joint for an aesthetic finish.

Get In Touch

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Web: www.sflchimneys.com



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