

TUBEX PLUS

Insulated Multi Fuel Flexible Chimney Liner



TUBEX PLUS® is a unique insulated flexible liner for multi-fuel applications. Achieving optimal appliance performance with its 13mm high density insulation layer backed up with a life time product warranty





Flue & Air Care
Since 1919

ABOUT US

Sphering is the leading industrial player in flue and chimney systems in Europe.

With +1000 experienced people across Europe, Sphering is an EU market maker with renowned expertise in design, manufacturing and distribution of advanced air and flue care systems.



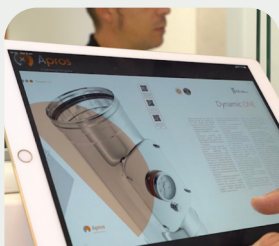
+1000
Employees

8
Production Plants

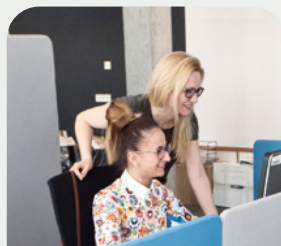
26
Distribution Branches

A UNIQUE COMBINATION OF LOCAL APPROACH AND GLOBAL EFFICIENCY WE CARE TO DO WELL BY DOING GOOD

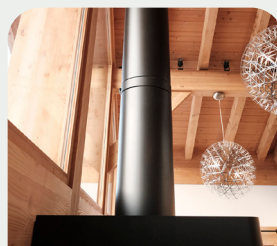
With customers



With employees



With secured and efficient product



With the environment & society



EVERYTHING CHANGED IN 100 YEARS EXCEPT OUR VALUES

Staying loyal to its historical values and operating with an exclusive industrial model based on the autonomy of its brands, Sphering has become, in a century, an ethical industrial collider in Europe.

Since 1919
100 YEARS
of passion



Reliable Partner



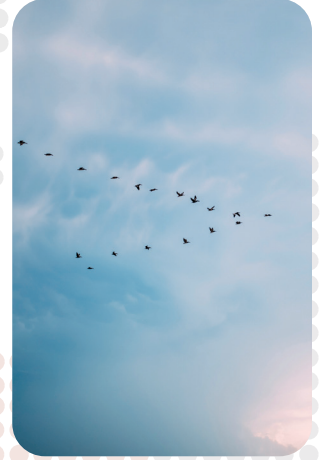
Leading Edge



Family long-term horizon



No Shortcut



Local approach



OUR R&D AND INNOVATION CENTERS

We are here to stay and we collectively enable our capacity to answer our industry requirements.

MORE THAN 150 TESTS PER YEAR

These tests are based on requirements we have set up in order to guarantee our customers the highest levels of security and performance.



Thermal



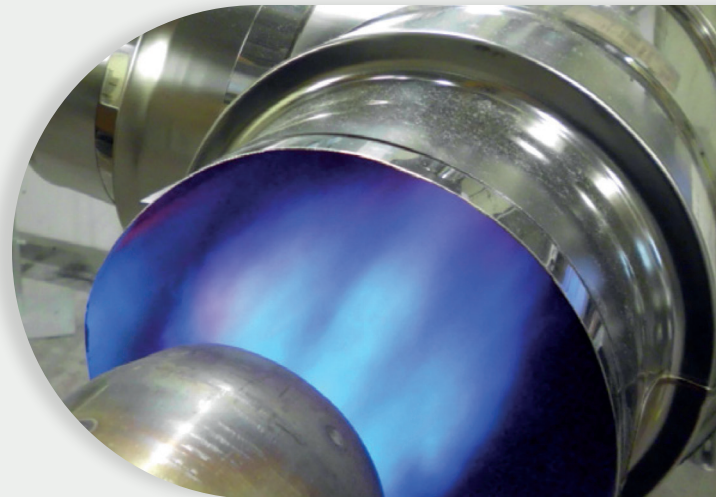
Mechanical



Tightness

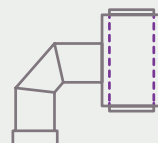


Fine dust



DESIGN & TEST FOR MANUFACTURERS

To ensure advanced safety, performance, quality and innovation.



Special pieces co-development



Pairing test certification

TUBEX PLUS



Double Skin Multi Fuel Flexible
Chimney Liner

TUBEX PLUS® is a unique insulated flexible liner for multi-fuel applications. Achieving optimal appliance performance with its 13mm high density insulation.

TUBEX PLUS® is lightweight, twin wall insulated multi-fuel flexible liner, ideal for lining inglenooks, large voids and cold chimneys. Being pre-insulated, it is considerably quicker and easier to install than traditional methods such as backfilling the chimney or wrapping insulation jackets around the liner/

The insulated TUBEX PLUS® liner retains over 73% of the heat in the liner making it ideal for use on modern high-efficiency wood burning and multi-fuel appliance and applications where it is necessary to insulate a traditional flexible flue liner. This also can overcome start-up issues.

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.

Insulating and lining a chimney has never been so easy with the new TUBEX PLUS® twin wall insulated flexible liner from SFL. Forget carrying 10-15 bags of insulation up the ladder. TUBEX PLUS® weighs only 15kg per 10m and drops straight down without snagging or any additional fixing.



Multi-Fuel Appliances



125-150mm Diameter



T450 Rating



Condensate Resistant (W)



V2 Corrosion Tested



NI / PI Rating



Approved Product



Brand Compatibility



Product Defect Warranty



Product & Downloads QR Code

Typical Applications

- High Efficiency Multi-Fuel Stoves
- Large Masonry Chimneys
- Inglenook Fireplaces



Product Designation

TUBEX PLUS Product Designations to BS EN 1856-2							
Product Description	Standard Number	Temperature Class	Pressure Class	D = Dry W = Wet	Corrosion Class	Material Specification Liner Grade 316L Liner Thickness 0.1mm	Soot Fire Resistance G= Yes 0= No
TUBEX PLUS	BS EN 1856-2	T600	N1	W	V2	L50010	G

Specification

Product Description	Class
Inner Liner	316L (1.4404) Stainless Steel
Material 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 Class	V2
Distance to Combustible	200mm - T600 G200 assessed to EN 1856-1

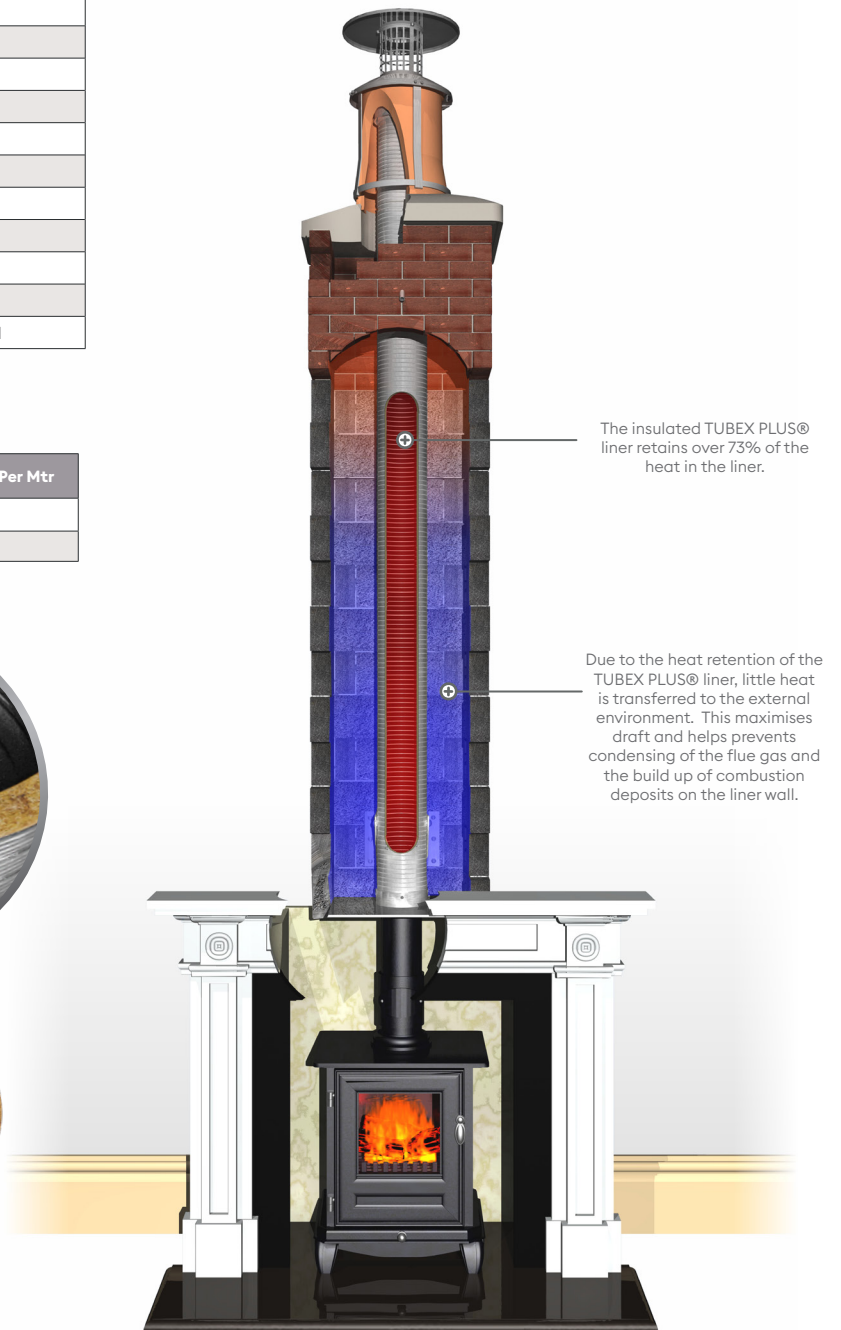
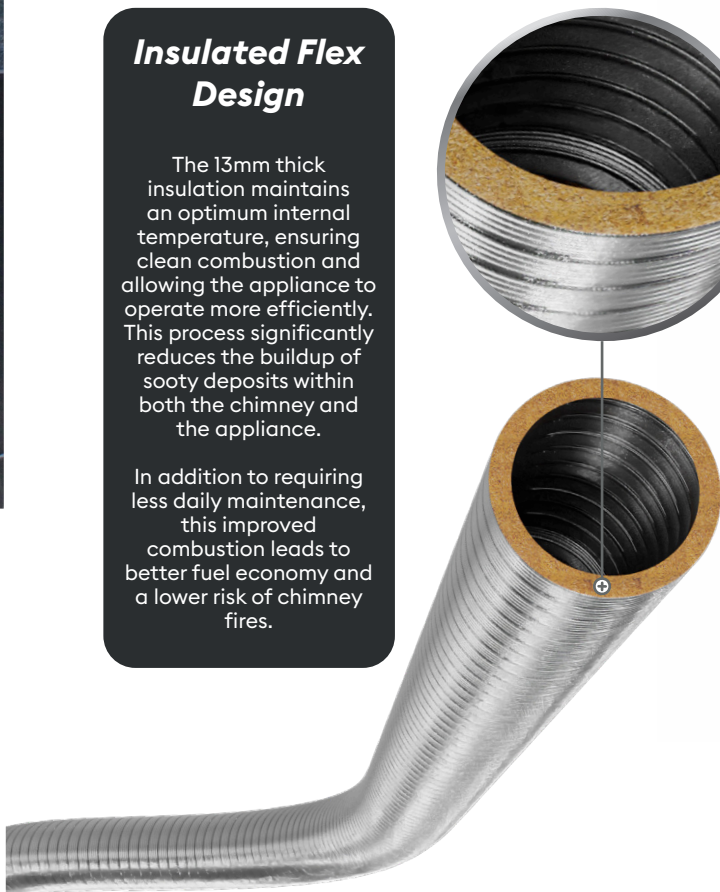
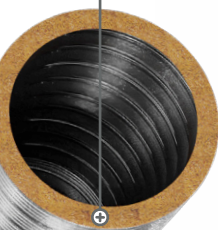
Diameters & Weight

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

Insulated Flex Design

The 13mm thick insulation maintains an optimum internal temperature, ensuring clean combustion and allowing the appliance to operate more efficiently. This process significantly reduces the buildup of sooty deposits within both the chimney and the appliance.

In addition to requiring less daily maintenance, this improved combustion leads to better fuel economy and a lower risk of chimney fires.



Lengths

Prepackaged TUBEX PLUS® Coil Lengths

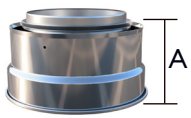
TUBEX PLUS® is supplied in standard 6m, 8m and 10m coiled cut lengths and packaged in foam and shrink wrapped in polythene.



TUBEX PLUS

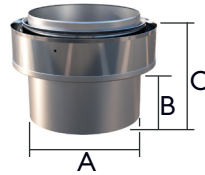
Description	125mm ID 161mm OD	150mm ID 186mm OD
	Part Number	Part Number
6m Coil	0600612	0600615
8m Coil	0600812	0600815
10m Coil	0601012	0601015

Easy Fit Screw On Adaptors



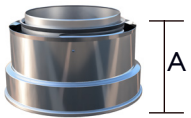
SFLUE/ NEXUS to TUBEX PLUS Adaptor

Size	A	Part Number
125	108	0603212
150	108	0603215



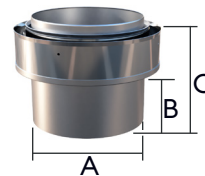
SIGMA to TUBEX PLUS Adaptor

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



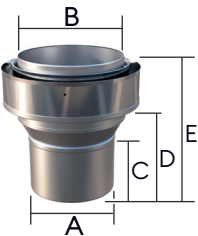
NOVA to TUBEX PLUS Adaptor

Size	A	Part Number
125	102	0603312
150	102	0603315



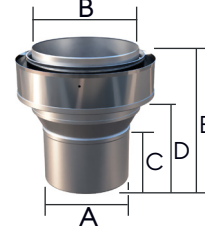
Plain Adaptor to TUBEX PLUS Adaptor

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



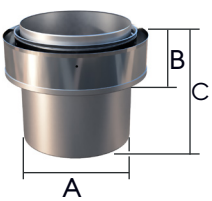
SIGMA to TUBEX PLUS Increasing Adaptor

A	B	C	D	E	Part Number
127	150	80	127	178	0602115



TUBEX PLUS Plain Increasing Adaptor

A	B	C	D	E	Part Number
122	150	80	127	178	0602015



SVIT to TUBEX PLUS Adaptor

Size	A	B	C	Part Number
125	124.5	93	145	0603512
150	149.5	93	145	0603515



Re-Usable Nose Cone

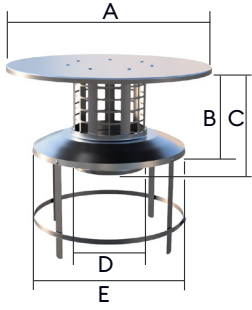
Size	Part Number
125	0605012
150	0605015



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

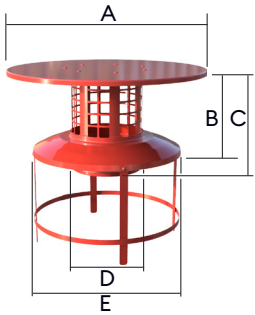
Terminals

TUBEX PLUS



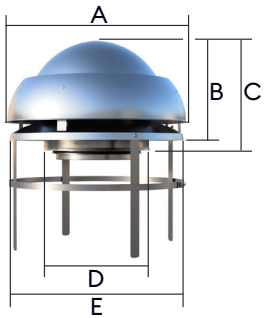
Pot Hanging Cowl With Bird Guard

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



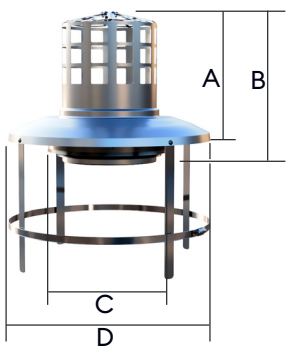
Terracotta Pot Hanging Cowl With Bird Guard

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



Mini Eurocowl

Size	A	B	C	D	E	Part Number
125	380	156	210	165	255	0605112
150	380	156	210	188	309	0605115



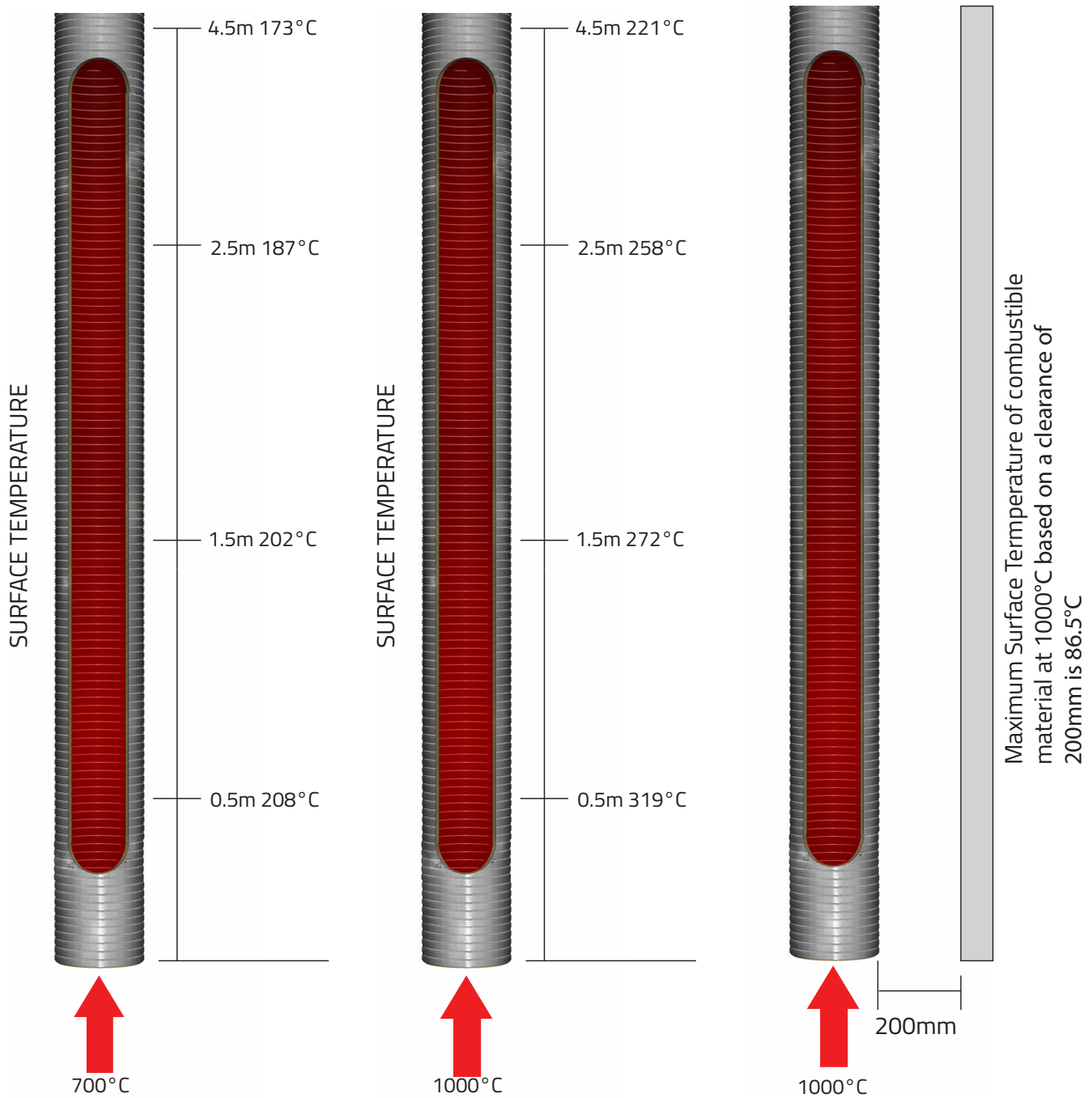
Thatch Terminal (Special order only)


Size	A	B	C	D	Part Number
125	175	195	165	255	0600012A
150	175	195	188	309	0600315A

Surface Temperatures

TUBEX PLUS

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





IMPORTANT
 Although TUBEX PLUS has been assessed to EN 1856-1, this is for information only and under no circumstances should TUBEX PLUS be used for internal applications where the chimney is required to pass within a room space or through a floor / roof penetration. For such applications only products CE marked to EN 1856-1 should be used, such as NOVA , SFLUE or NEXUS. TUBEX PLUS must only be used for re-lining masonry chimneys.



No more wrapping.
No more pouring.
Tubex Plus - Twin Wall In



Insulated Flexible Liner

RESIDENTIAL

Vitreous Enamel

SVIT



Quick Installation



Brand Compatibility



No Sealant Required



Year Product Warranty

SVIT® is a vitreous enamel-coated steel connecting flue pipe designed to facilitate the connection between a multi-fuel appliance, an existing brick chimney or a prefabricated twin wall chimney system. It offers a smooth, aesthetically pleasing joint, without the need for additional locking bands or fire cement and is available in 100mm, 125mm, 150mm, 180mm & 200mm.

Twin Wall / Air Gap Insulation

IL



125-150mm Diameter



T250 Rating



Multi-Fuel Appliances

IL® is a twin wall air gap insulated prefabricated domestic and light commercial gas vent system suitable for gas appliances, with draught-hoods or with a flue gas temperature not exceeding 250°C and zero or negative pressure in the flue. Lengths and fittings push and twist lock together to provide strong rigid flue systems and ensure maximum ease of site assembly.

Flexible Liner

SELFLEX



V2 Corrosion Resistant



P1 / N Rating



Brand Compatibility



Year Product Warranty

SELFLEX® is a double skin multi-fuel flexible chimney 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. The SELFLEX® family range is suitable for the relining of masonry flues and used with wood, multi-fuel stoves and open fires and is available in three different specifications including 0.1mm 904L, 0.12mm 316L and 0.1mm 316L.

Insulated Flexible Liner

TUBEX PLUS



V2 Corrosion Resistant



Brand Compatibility



125-150mm Diameter



Product Warranty

TUBEX PLUS® is a unique insulated flexible liner for multi-fuel applications that allows maximum flexibility and ease of installation, the insulated core offers excellent thermal resistance to maximise natural draft to ensure optimum efficiency of the appliance with its 13mm high density insulation layer. Ideal for use on modern high-efficiency wood burning and multi-fuel appliance and application.

Single Wall / Connecting Flue

SIGMA



Quick Installation



Brand Compatibility



T600 Rating



Year Product Warranty

SIGMA® is a stainless-steel single wall connecting flue pipe for use with multi-fuel appliances, brick chimneys, twin wall systems and flexible liners. Available in four diameters 127mm, 152mm, 178mm and 203mm manufactured for wood and multi-fuel burning appliances it has a gas-tight joint that negates the need for fire cement or rope. Manufactured from 1mm 316L for optimum long term performance.

Twin Wall / Twist Lock

SFLUE



T450 Rating



Brand Compatibility



127-203mm Diameter

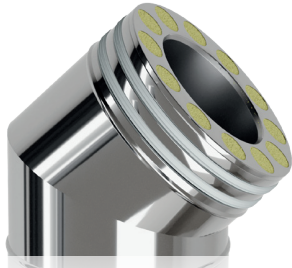


Year Product Warranty

S-FLUE® is a stainless steel insulated twin wall chimney system. Ideally suited for use on multi-fuel stoves and heating equipment. Offered in natural stainless steel or a satin black finish. Features an 8-barb twist lock jointing system for added strength and ease of installation.

COMMERCIAL

Twin Wall / Push Fit



5000Pa
T600 Dry



Easy To
Install



No Bellows



Ideal For
Gen-Sets

Single Wall / Push Fit

SUPRA PLUS



Multi-Fuel
Appliances



Up To
5000Pa



T600 Dry
T200 Wet



Quick
Installation



Year Product
Warranty

SUPRA PLUS® is a British built single wall chimney system designed specifically for today's modern high efficiency appliances that operate under positive pressure and condensing conditions.

Manufactured in 9 diameters ranging from 80mm to 350mm and consists of a range of lengths and fittings which simply push-fit together, and which are secured with a locking band. Seals are factory fitted and bonded for ease of installation. Available with a wide range of support components that cater for both lateral and vertical structural loading of the product. Extended range available from 400mm to 600mm.

Twin Wall / Twist Lock

NOVA



E190
Fire Rated



Up To
5000Pa



T600 Dry
T200 Wet



Multi-Fuel
Appliances



Year Product
Warranty

NOVA® is a pre-fabricated, factory-made twin-wall, insulated stainless steel chimney system. Suitable for condensing and positive pressure applications and is specifically designed to meet the demands of the latest high-efficiency heating appliances as well as traditional gas and oil-fired combustion equipment. With its unique multi-barb twist-lock jointing system.

Manufactured in 8 internal diameters, ranging from 100mm to 355mm and consists of a wide range of components, together with a strong 16-barb twist lock jointing system, NOVA offers the ultimate in ease of installation and functionality. With its strong joint design, NOVA can achieve a maximum unsupported height of 3.0 metres above the last support (2.0 m for DNI00), without the need for structural locking bands.

NOVA is fire resistance tested to BS EN 1366-13 and holds the following classification:

EI 90 (o → i) h_o v_e

NOVA has also been fire resistance tested for a period of 4 hours under the integrity criteria of BS476 Part 20.

Twin Wall / Flanged

EUROPA PLUS



E1180
Fire Rated



14,945Pa @ 760°C
T600 Dry & Wet



CE, UKCA,
UL ULC



Ø100 - Ø1200mm
Diameters



Year Product
Warranty

EUROPA PLUS® is a high pressure and high temperature chimney / exhaust system suitable for continuous operating temperatures of up to 600°C continuous and 750°C intermittent. Suitable for positive pressure systems up to 5000Pa (H1) and UL tested up to 14,945Pa.

It is offered as a double walled prefabricated 316L stainless steel chimney system, available in a range of insulation thickness to meet the most demanding applications. As standard, EUROPA PLUS incorporates a 25mm high performance insulated cavity, with the option to increase the cavity thickness to 50mm and 100mm for applications that demand critically controlled surface temperatures.

EUROPA PLUS® is fire resistance tested to the requirements of BS EN1366-13 up to 600mm:

EI 180 (o → i) h_o v_e

Above 600mm EUROPA PLUS is fire resistance tested to the integrity and stability requirement of BS 476 Part 24 for a period of 4 hours.

About SFL

British manufacturer of flues & chimneys for residential & commercial applications for more than 50 years.

Commercial Solutions and Project Assistance

For large-scale installations in commercial buildings, we manufacture a range of flue systems with ease of install at the centre of your design. From complex header configurations to large-diameter stacks, we can accommodate almost every requirement for any application.

At SFL, we work with carefully selected installation partners to ensure your turnkey package is carried out on time within budget by seasoned professionals.

We're committed to offering industry-leading technical support services, throughout the whole process of design, manufacture, and supply of your upcoming project. Our experienced team are on hand to assist you at every stage of your project. From initial product selection to flue routing and calculations.

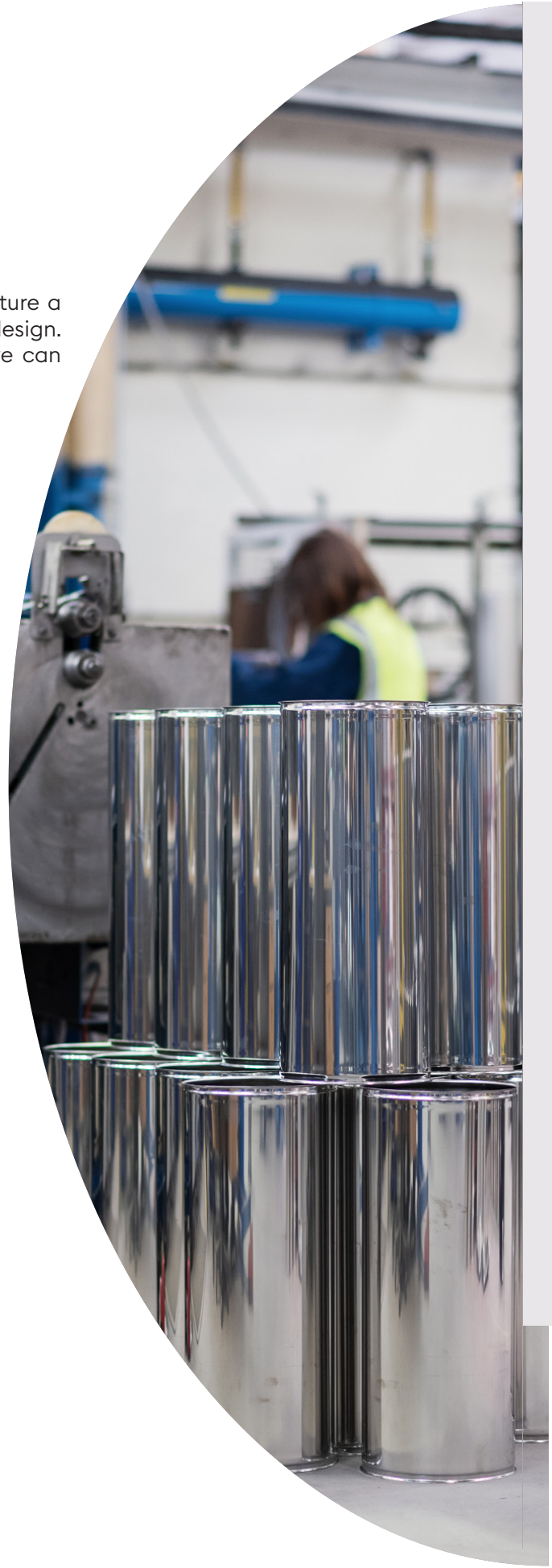
Residential Solutions

From wood burning & multi-fuel stoves to gas fires & oil boilers, our time-honoured brands of flues and chimneys have been a mainstay of domestic heating for decades. We work with a network of distribution partners providing high-quality residential flue and chimney components for easy installation. With fast delivery times and comprehensive product warranties, we ensure that your requirements are met with quality and reliability.

SFL Head Office & Manufacturing Facility

**SFL Flues & Chimneys
Pottington Business Park
Barnstaple
Devon
EX31 1LZ**

Tel: **+44 (0) 1271 326633**
Email: **info@sflchimneys.com**
Web: **www.sflchimneys.com**



At the forefront of flue and chimney manufacturing and technology.

Since 1969 SFL have been leading the way in flue and chimney innovation and technology. Our portfolio of trusted chimney and flues brands are known throughout the world for their engineering excellence. We offer industry-leading technical support services throughout the whole process of design, manufacture, and supply for commercial, domestic, and industrial applications, with uncompromised customer service.

We are proud of our British built heritage at SFL. Our manufacturing centre is based in Barnstaple, Devon, UK, alongside our extensive R&D centre, ensuring continuous product development and testing to the latest Standards.

SFL is part of the Sphering group, Sphering is an EU market maker with renowned expertise in design, manufacturing and distribution of advanced air and flue care systems.

WeLab®

As a committed company determined to play an active role towards the environment and society, the Group has its own R&D centre: WeLab®. This facility has allowed the group to comply with the newest European standards (including the NZEB: nearly zero energy building) in terms of security and performance of appliances, but also to adopt a responsible innovation approach. With our WeLab®, we have developed test rigs based on minimum requirements in order to guarantee our clients the highest levels of security and performance.

SFL branded products are synonymous with the highest quality – it is this reputation that enables specifiers, contractors, and householders to use our products with total confidence.

NOVA®

SUPRA PLUS®

EUROPA PLUS®

SFLUE®

NEXUS®

SVIT®

SELFLEX®

TUBEX PLUS®

IL®

SIGMA®

Over 50 years of industry leading experience in the flue and chimney market.



sflchimneys.com



www.sflchimneys.com



www.sphering-group.com