



SFL

A Sphering Company

SVIT

Vitreous Enamel Coated Steel
Connecting Flue Pipe



SVIT® has been specifically designed as a connecting flue pipe to facilitate connection between a multi-fuel appliance and either an existing brick chimney or a prefabricated twin wall chimney system.



www.sflchimneys.com



SVIT

Vitreous Enamel Coated Steel
Connecting Flue Pipe



Multi-Fuel
Appliances



Year Product
Warranty



125 & 150mm
Diameter



Approved
Product



Quick
Installation



Brand
Compatibility



PRODUCT &
DOWNLOADS
QR CODE

SVIT® has been specifically designed as a connecting flue pipe to facilitate connection between a multi-fuel appliance and either an existing brick chimney or a prefabricated twin wall chimney system.

SVIT® offers a smooth, aesthetically pleasing joint, without the need for additional Locking Bands or fire cement. The product is available in 125mm and 150mm internal diameter. The product range covers lengths, fittings and support components to ensure simplicity of installation. For larger sizes, please refer to our SIGMA® 1mm product range.

SVIT® is manufactured from a 1mm steel substrate and coated both internally and externally with a 0.2mm matt black vitreous enamel coating, offering unparalleled corrosion resistance and high temperature performance.

The joint is designed to offer the appearance of a smooth continuous pipe, offering a very aesthetically pleasing finish to the product. The aesthetic finish is achieved by slightly reducing the diameter of the male end to allow engagement with the female end. The joint is made by sliding the male end into the female end of the joint. Due to the tight tolerance interference fit and the 50mm of engagement, a strong joint is formed, alleviating the need for a traditional Locking Bands or fire cement.

Typical Applications

- Woodburning Stoves
- Multi-Fuel Stoves
- Pellet Stoves



Product Designation

SVIT® Product Designations to BS EN 1856-1

Product Description	Standard Number	Temperature Class	Pressure Class	D = Dry W = Wet	Corrosion Class	Material Specification Double Sided Vitreous Coated Steel Thickness: 1.2mm	Sootfire Resistance G= Yes O= No	NM=Not measured M =Measured
SVIT® 1.2mm	BS EN 1856-2	T600	NI	W	V2	L80120	G(XX)	NM

Notes

Distance to Combustible Material (XX):
Under UK / EU Legislation a single wall connecting flue pipe must be positioned at a distance of three times the nominal diameter to any combustible surface and not less than 375mm for smaller diameters below 125ID. **Example:** A 150ID connecting flue pipe must be located at least 450mm from any combustible material. See installation section for further information.

Application

SVIT® is designed to be used internally as a multi-fuel connecting flue pipe and must be installed in accordance with National Building Regulations and installation guidelines. The product is designed for use on natural draught and dry systems, where the flue gas temperature will not exceed 600°C. SVIT® is not suitable for positive pressure applications, in these cases SUPRA PLUS® should be used.

Support

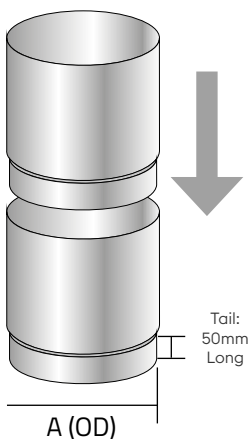
The system **MUST** only be supported by components within the SVIT® product range.

Approvals

The SVIT® system is CE marked to BS EN 1856-2 to the performance designation as detailed within Table A and certified under the Construction Products Regulation, certificate number 0476-CPR-2977

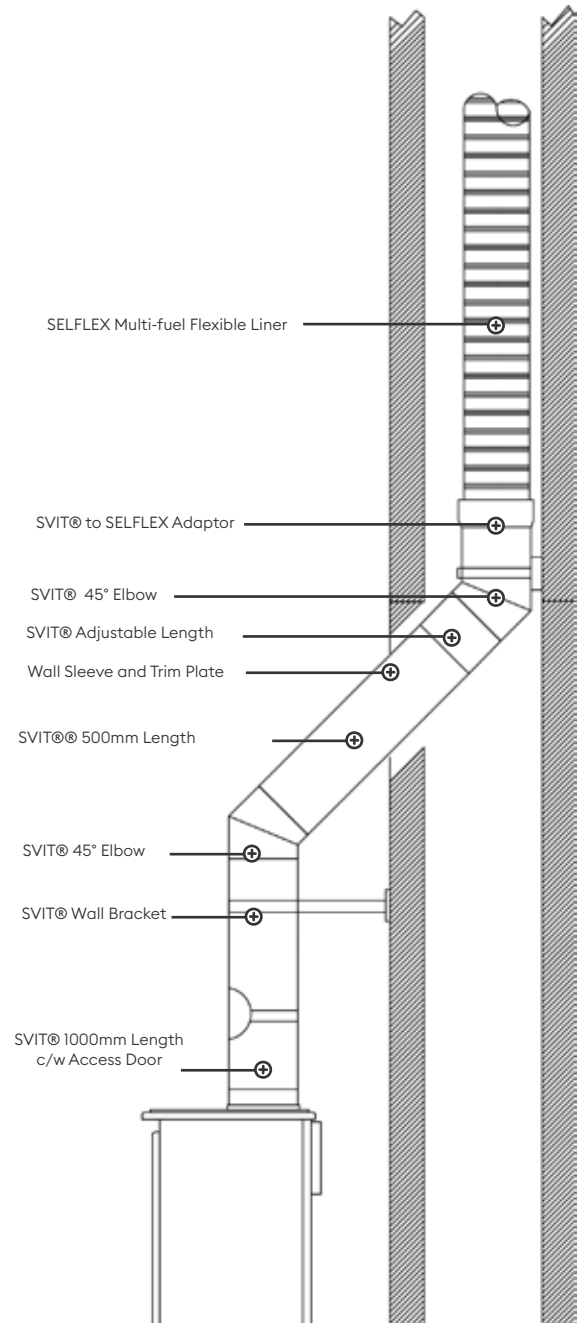
Connection Detail

SVIT® is installed with the spigot end facing towards the appliance. Each component is simply pushed together by engaging the spigot end into the uppermost socket. The system is installed from the appliance upwards.



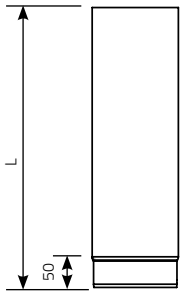
SVIT® is installed with the spigot end facing towards the appliance. Each component is simply pushed together by engaging the spigot end into the uppermost socket. The system is installed from the appliance upwards.

Size (mm)	125mm	150mm
A	124.5	149.5



Partner with us, succeed together.

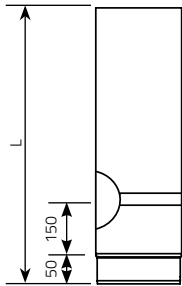
Need assistance with your residential or commercial flue project? Our team of experienced experts is here to help at every stage. We offer product selection and design assistance, conduct system surveys, and work with key installation partners to provide bespoke turnkey packages tailored to your needs.



Standard Lengths

Lengths are available in nominal sizes as detailed below.

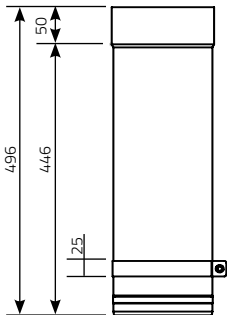
Size	Length (L)		
	250mm	500mm	1000mm
The Installed length is 50mm less than the declared length due to the joint spigot			
125mm	8022505	8025005	8021005
150mm	8022506	8025006	8021006



Access/Sweep/Inspection Length

As per the Standard Lengths but with an inspection door fitted.

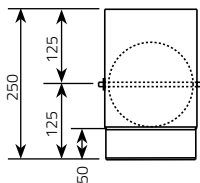
Size	Access Length (L)	
	500mm	1000mm
The Installed length is 50mm less than the declared length due to the joint spigot		
125mm	8026305	8026205
150mm	8026306	8026206



Adjustable Length

Used where standard lengths are not suitable. The Adjustable Length constitutes a slip length designed to slide into an existing standard length. A Clamp Band is then secured around the joint to fix the Adjustable Length in position. Adjustment range 50mm - 420mm.

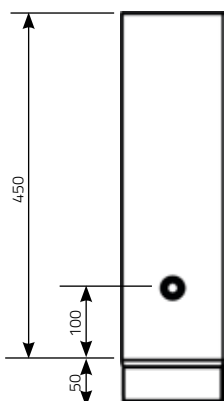
Size	Adjustable Lengths
	Adjustment Range 50mm - 420mm
125mm	8026605
150mm	8026606



250mm Damper Length

Used to control and regulate flue draught. Useful if you have a particularly strong chimney draw.

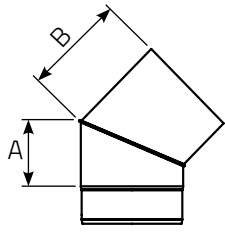
Size	250mm Damper Length
	The Installed length is 50mm less than the declared length due to the joint spigot
125mm	8022605
150mm	8022606



Probe Length

Fitted with an 1/4" removable plug for flue gas and draught sampling.

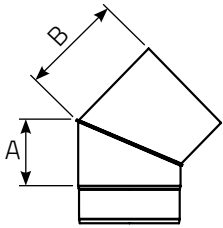
Size	250mm Damper Length
	The Installed length is 50mm less than the declared length due to the joint spigot
125mm	8025105
150mm	8025106



15° Elbow

Used to provide a 15° change of direction or can be used in pairs to create an offset.

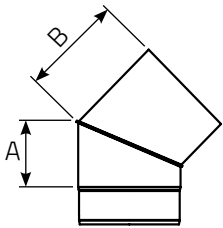
Ø	15° Elbow		
	A (mm)	B (mm)	Code
125mm	57	87	8025405S
150mm	60	110	8025406S



30° Elbow

Used to provide a 30° change of direction or can be used in pairs to create an offset.

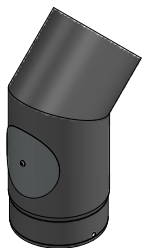
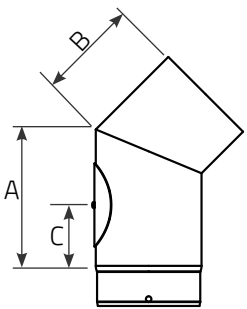
Ø	30° Elbow		
	A (mm)	B (mm)	Code
125mm	74	104	8025505S
150mm	81	131	8025506S



45° Elbow

Used to provide a 45° change of direction or can be used in pairs to create an offset.

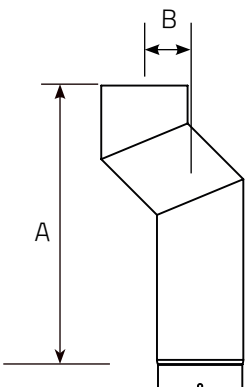
Ø	45° Elbow		
	A (mm)	B (mm)	Code
125mm	95	146	8025705S
150mm	105	156	8025706S



45° Elbow With Access Door

Used to provide a 45° change of direction or can be used in pairs to create an offset and complete with an Access Door.

Ø	45° Elbow With Access Door			
	A (mm)	B (mm)	C (mm)	Code
125mm	133	118	60	8025805S
150mm	205	148	95	8025806S



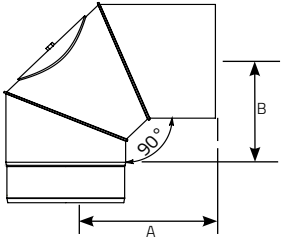
45° Fixed Offset

Used to provide a 102mm 45° fixed offset between two fixed centres

Ø	45° Fixed Offset		
	A (mm)	B (mm)	Code
125mm	510	102	8026805S

90° Elbow With Access Door

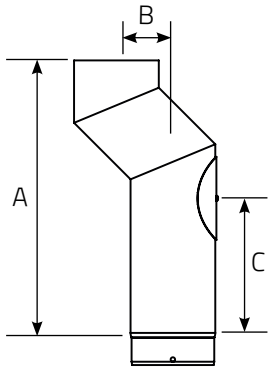
Used to provide a 90° change of direction and incorporates an inspection / access door.



Ø	90° Elbow With Access Door		
	A (mm)	B (mm)	Code
125mm	203	152	8026005S
150mm	215	164	8026006S

45° Fixed Offset With Access Door

Used to provide a 102mm 45° fixed offset between two fixed centres

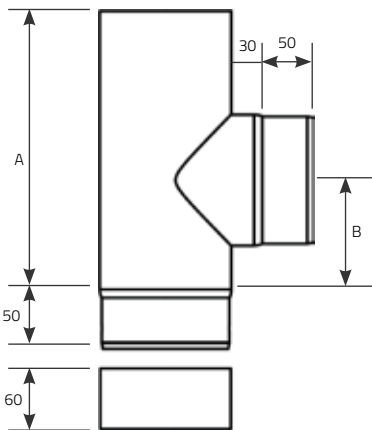


Ø	45° Fixed Offset With Door			
	A (mm)	B (mm)	C (mm)	Code
125mm	510	102	251	8026905S
150mm	510	102	251	8026906S

Tees

90° Equal Tee c/w Inspection / Access Door

Used to provide a 90° change of direction. Also used as an inspection / cleaning component or at the base of a vertical chimney. Supplied complete with inspection / access door.

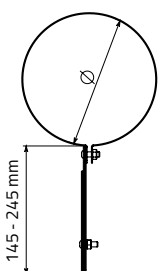


Ø	90° Tee c/w Inspection / Access Door		
	A (mm)	B (mm)	Code
125mm	330	165	8023005
150mm	330	165	8023006

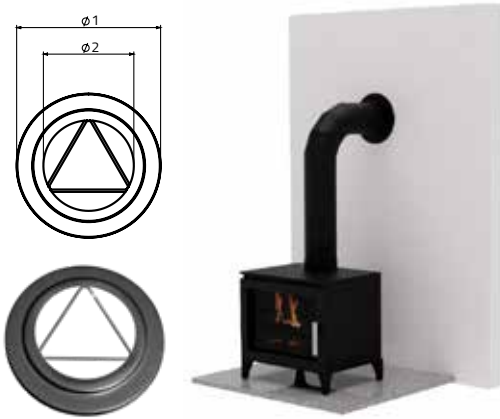
Support and Finishing Components

Adjustable Wall Bracket (154mm - 245mm)

Used to provide lateral support to the SVIT® product when running vertically in proximity to a wall. Note: The required distances to combustible materials must be achieved when using this component.



Ø	Adjustable Wall Bracket	
	Code	
125mm	8020305	
150mm	8020306	

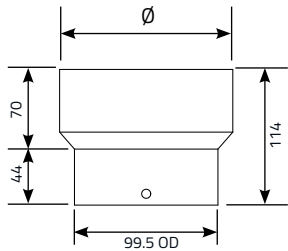


Rosette Finishing Collar/Register Plate Trim

This components offers an neat and aesthetic finish where the SVIT® passes through a non-combustible wall. Sprung fitting with no glue or adhesive required.

Ø2	Rosette Finishing Collar	
	Ø1	Code
125mm	250	8020405
150mm	250	8020406

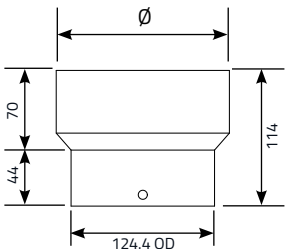
Adaptors



Ø100 x SVIT® Ø125 Increasing Appliance Adaptor

Used to connect to a 100ID appliance spigot where the connecting flue pipe needs to increase to 125ID.

Ø	Increasing Adaptor	
	Code	
125mm	8026504	



Ø125 x SVIT® Ø150 Increasing Appliance Adaptor

Used to connect to a 125ID appliance spigot where the connecting flue pipe needs to increase to 150ID.

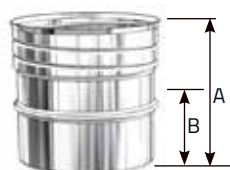
Ø	Increasing Adaptor	
	Code	
150mm	8026405	



SVIT® to Tubex Plus Screwed Adaptor

Used to connect a TUBEX PLUS Triple Wall Chimney Liner to SVIT®.

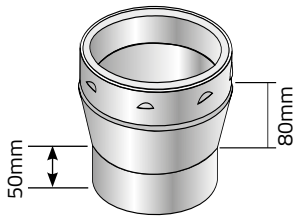
Ø	SVIT® to Tubex Plus Screwed Adaptor		
	A	B	Code
125mm	TBC	TBC	0603512
150mm	TBC	TBC	0603515



SVIT® to SELFLEX Screwed Adaptor

Used to connect a SELFLEX Twin Wall Chimney Liner to SVIT®.

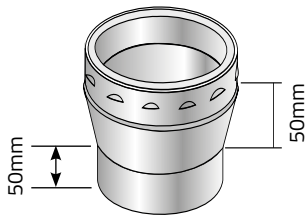
Ø	SVIT® to SELFLEX Screwed Adaptor		
	A	B	Code
125mm	TBC	TBC	0593812
150mm	TBC	TBC	0593815



SVIT to SFLUE Adaptor

Used to connect SVIT to the SFLUE Twin Wall Chimney System.

Ø	SVit to NOVA Adaptor	
	For black coated versions add 'B' after the part number	
	SFlue Size	Code
125mm	127	7141605
150mm	152	7141606



SVIT to NOVA Adaptor

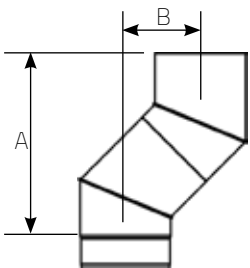
Used to connect SVIT to the NOVA Twin Wall Chimney System.

Ø	SVit to NOVA Adaptor	
	For black coated versions add 'B' after the part number	
	NOVA Size	Code
125mm	130	8020605

Replacement Parts

Ø	Replacement Access Door c/w Gasket	Replacement End Cap
	Code	Code
125mm	8029105	8029005
150mm	8029106	8092906

Elbow Offset Chart



Ø	Standard Elbow						Smooth Elbow					
	15°		30°		45°		15°		30°		45°	
	A	B	A	B	A	B	A	B	A	B	A	B
125mm	234	31	257	69	309	128	246	32	298	71	321	133
150mm	281	37	307	82	325	135	294	39	319	85	337	140

Notes & Drawings



SFL

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NOVA® SUPRA® EUROPA®

SIGMA® S-FLUE® IL® TUBEX®

SVIT® SELFLEX®

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.

We are proud of our British built heritage at SFL. All our products are fabricated at our manufacturing centre in Barnstaple, Devon, UK. As well as investment in the latest manufacturing system, we also have an extensive R&D centre ensuring continuous product development and testing to the latest European Standards.

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



SFL are part of the Sphering Group, a leading industrial player in Europe with a renowned expertise in design, manufacturing and distribution of high-quality chimney and ventilation systems.

Sphering cares to ensure a healthy, secure and sustainable indoor climate, for residential, commercial and industrial markets. The Group develops a growing EU footprint with leading brands and solutions portfolio: Apros in Italy, Eurotip in Belgium, Joncoux in France, Lorflex in France, Luxembourg and Italy, MK in Germany and Poland, SFL in the UK, EKA in Germany and WeLab, its innovation centers.

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