VIT

MIDTHERM

FLUE SYSTEMS

2023

VITRELUX

Single Wall Connecting Flue System

The ideal solution for:

Multi-fuel
Woodburning
Biomass
Pellet
Gas & Oil

Made in the UK
102mm - 153mm available from stock

Contact

sales@midthermflue.co.uk
midthermflue.co.uk
0333 456 8000

Single Wall Vitrelux
High Temperature Connecting Flue System

Vitreux flue pipe is a single wall connecting flue pipe with a high temperature, acid resistant enamel coating. Lengths and elbows are available with doors which allow for cleaning access and can be removed and refitted without chipping.

Vitrelux products are all manufactured and stocked at our factory in the United Kingdom allowing for fast delivery.

Available from stock in 102mm to 153mm

Matt Black available from stock and a limited range in Gloss Black

Suitable For:

- Gas and Oil
- Solid Fuel
- Multi-fuel
- Pellet
- Biomass

600°C normal operating temperature

127mm and 152mm diameter constructed from 1.0mm zero carbon steel

102mm diameter constructed from 0.9mm zero carbon steel

2 coats of high temperature acid resistant vitreous enamel

1 Year Warranty

Available with a 1 year manufacturers warranty for properly maintained Vitrelux installations, please see our website for full details and requirements.

Quality Assurance

Midtherm Vitrelux is manufactured under ISO 9001 accredited quality management systems, with CE Certification, and we are also a HETAS registered manufacturer.

VITRELUX

Specification & Finish

Vitrelux Specification

Internal Diameter (Socket sizes)	Prod. Dia Order Code	04	05	06
	I/D mm	102	127	153
External Diameter	O/D mm	105	130	156
Spigot Sizes	I/D mm	97	121	147
	O/D mm	99	124	150

Construction	1.0mm zero carbon steel in sizes 127mm to 202mm and 0.9mm in 102mm only. Coated with two layers of high temperature and acid resistant vitreous enamel. Precision rolled and laser welded pipe, continuous seam weld on bends.

Vitrelux Designations

Designation Type	Product BS EN 1856-2 Connecting Flue Pipe	Installation Designation
Connecting Flue 127-153mm	EN 1856-2 T600 N1 D VmL80100 G600	T600 N1 D3 G
Connecting Flue 127-153mm	EN 1856-2 T450 N1 D VmL80100 G500	T450 N1 D3 G
Connecting Flue 102mm	EN 1856-2 T600 N1 D VmL80090 G600	T600 N1 D3 G
Connecting Flue 102mm	EN 1856-2 T450 N1 D VmL80090 G500	T450 N1 D3 G

Designations only apply to systems installed in compliance with the appropriate installation instructions. Where xx = 3 x diameter with a minimum of 375mm.

Product Codes

Product	Code	Notes
Vitrelux	03	102-153mm
Gloss Black Vitrelux	23	102-153mm limited range

Gloss Black

A selected range of items are available in gloss black finish.

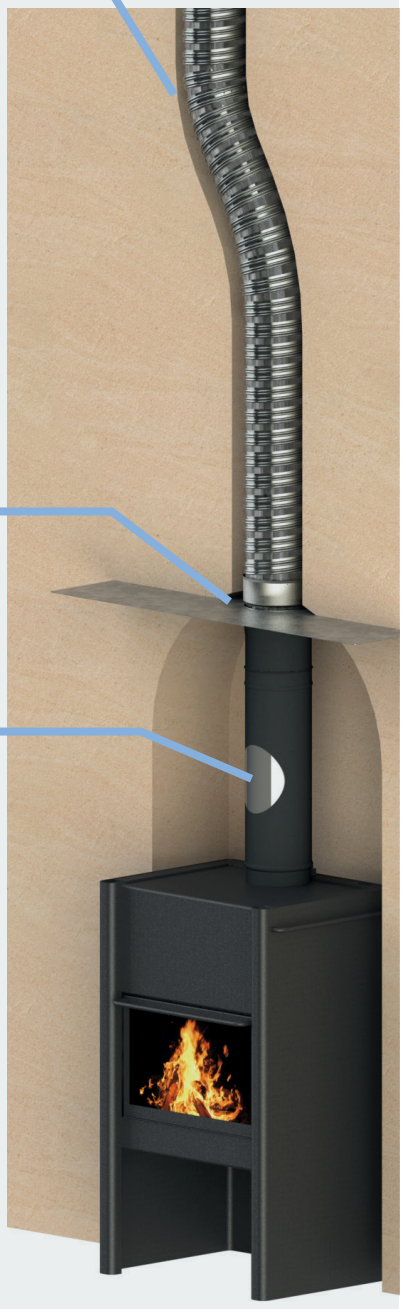
Our enamel have two coats, a ground coat layer and top coat layer, for both gloss and matt black. It's extremely durable and long lasting, easy to clean, fade resistant, acid resistant. The two coats give the enamel better adhesion to the pipe.

\+ Items with this symbol are painted in gloss black finish

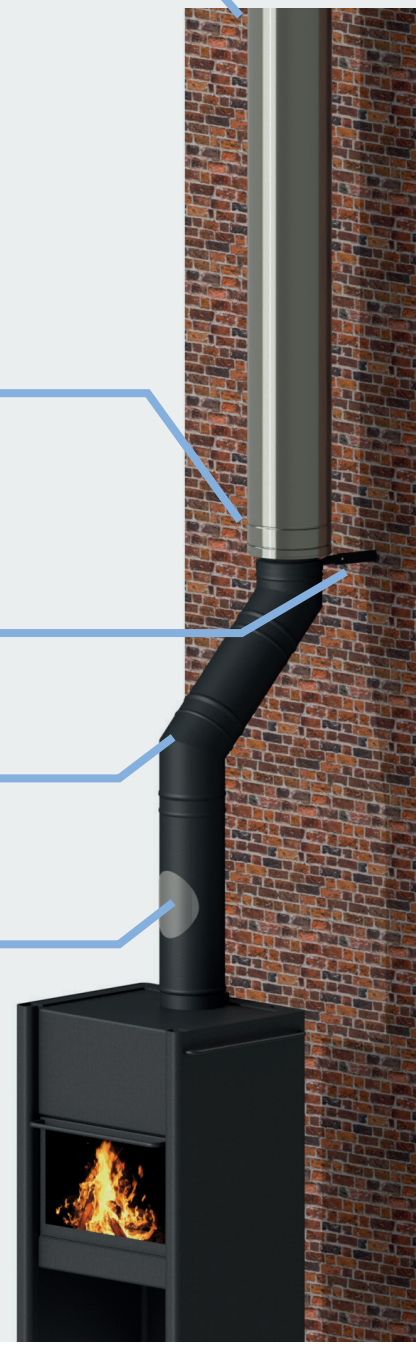
Typical Installation

Installation Type:

External Installation



Internal Installation

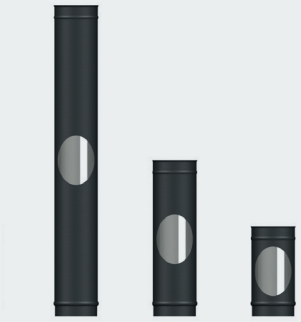


VITRELUX

Installation Requirements

Cleaning Access

Cleaning access must be provided either through the appliance or removable access doors available in our components.



Data Plates

To comply with building regulations, a completed data plate must be installed and on display with all new installations.

Order Code 009000

Carbon Monoxide Alarms

Carbon Monoxide alarms are required with all installations.

We stock carbon monoxide alarm which features a 7 year life span and warranty. Check with the sales office for availability.

Order Code 009000A

Installers

Flue systems are designed to safely and legally carry away toxic fumes and exhaust heat without risk of fire, therefore It is required that all installations are carried out by accredited installers and in compliance with all current regulatory requirements.

Get in touch...

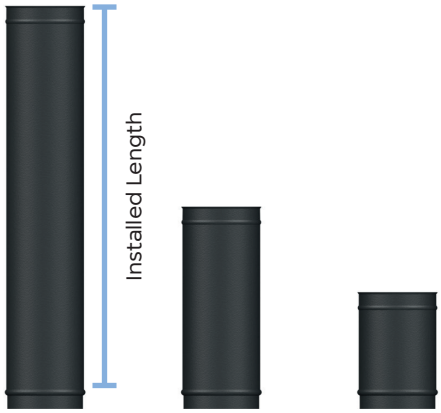
Please contact us or visit our website for detailed certification, installation, maintenance and warranty information.

Telephone: 0333 456 8000

Email: sales@midthermflue.co.uk

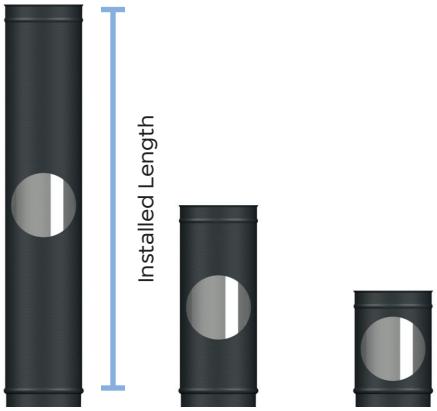
Online: www.midthermflue.co.uk

Lengths



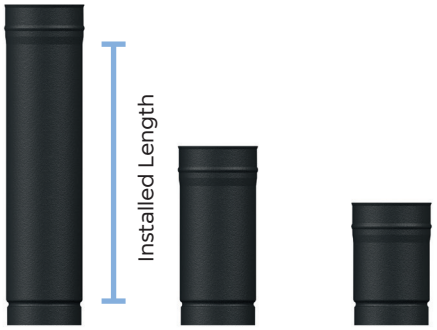
Standard Lengths (VP)

Length	100mm	130mm	150mm
1000mm (960mm inst) +	030104	030105	030106
500mm (460mm inst) +	030204	030205	030206
250mm (250mm inst) +	030304	030305	030306
75mm (75mm inst)	030404	030405	030406
Standard fixed lengths for installation directly from an appliance.			



Lengths with Clean Out Door (VPD)

Length	100mm	130mm	150mm
1000mm (960mm inst) +	030804	030805	030806
500mm (460mm inst) +	030904	030905	030906
250mm (250mm inst)	033604	033605	033606
Provides cleaning access for the flue. Door in brushed stainless steel finish as standard. Available with a matt black door on request.			

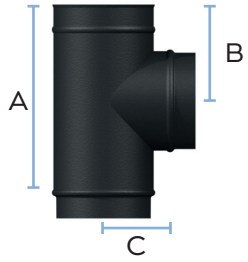


Adjustable Lengths (AVP)

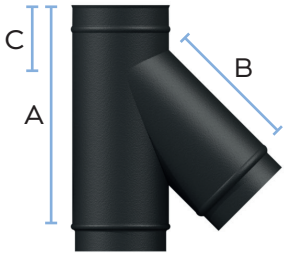
Length	100mm	130mm	150mm
500mm (75-450mm Inst)	030504	030505	030506
250mm (75-200mm Inst) +	030604	030605	030606
150mm (75-100mm Inst)	030704	030705	030706
Adjustable lengths slide inside a fixed length to give you an adjustable height.			

Tees & Offsets

Tees (VT)



Diameter Code	04	05	06
90° Tee +			**Code 0310****
Internal Diameter	100	130	150
Dimension A	250	280	300
Dimension B	125	140	150
Dimension C	78	93	105



45° Tee			**Code 0311****
Internal Diameter	100	130	150
Dimension A	300	310	365
Dimension B	231	238	260
Dimension C	94	99	105

Soot Box Tee Cap (SB) +			**Code 0312****
Internal Diameter	100	130	150
Dimension A		75	

Plain Ends Adaptor (VPPE)			**Code 0328****
Internal Diameter	100	130	150
Dimension A		75	

Offsets (VO)

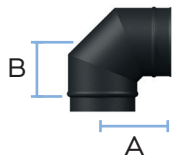
50mm		**Code 0355****
Internal Diameter	130	150
Installed Height	214	224
Overall Height	254	264

75mm		**Code 0355**A**
Internal Diameter	130	150
Installed Height	239	249
Overall Height	279	289

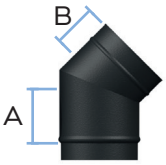
100mm		**Code 0355**B**
Internal Diameter	130	150
Installed Height	264	274
Overall Height	304	314

Elbows

Elbows (VE)



Diameter Code	04	05	06
90° Elbow +			**Code 0329****
Internal Diameter	100	130	150
Dimension A	82	83	85
Dimension B	72	73	75



45° Elbow +			**Code 0314****
Dimension A	96	101	106
Dimension B	86	91	96

30° Elbow +			**Code 0313****
Dimension A	88	92	95
Dimension B	78	82	85

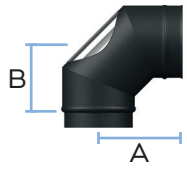
15° Elbow			**Code 0317****
Dimension A	82	83	85
Dimension B	72	73	75

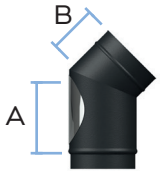
Offset Dimensions for Elbows

Diameter Code			04	05	06
Length	Elbow	Dim	100	130	150
1000	15	O	288	289	289
		H	1228	1235	1241
	30	O	563	567	570
		H	1142	1155	1167
	45	O	807	815	822
		H	989	1006	1024
500	15	O	156	159	160
		H	745	752	758
	30	O	313	317	320
		H	709	722	734
	45	O	453	461	468
		H	635	652	670
250	15	O	105	106	106
		H	542	549	555
	30	O	208	212	215
		H	528	541	553
	45	O	305	313	320
		H	487	504	522
75	15	O	59	60	60
		H	373	380	386
	30	O	121	125	128
		H	376	389	401
	45	O	181	189	196
		H	363	380	398
Without Length	15	O	40	41	41
		H	301	308	314
	30	O	83	87	90
		H	311	324	336
	45	O	128	136	143
		H	310	327	345

Offset Dimensions

Elbows with Clean Out Doors (VED)





Diameter Code	04	05	06
90° Elbow			**Code 0319****
Internal Diameter	100	130	150
Dimension A	125	140	180
Dimension B	72	73	75
45° Elbow +			**Code 0316****
Dimension A	156	167	161
Dimension B	86	91	96
30° Elbow			**Code 0315****
Dimension A	163	167	170
Dimension B	78	82	85
15° Elbow			**Code 0318****
Dimension A	157	173	180
Dimension B	72	73	75

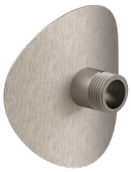
Offset Dimensions for Elbows with Clean Out Doors

Diameter Code			04	05	06
Length	Elbow	Dim	100	130	150
1000	15	O	288	289	289
		H	1303	1325	1336
	30	O	563	567	570
		H	1217	1230	1242
	45	O	807	815	822
		H	1049	1073	1079
500	15	O	159	160	161
		H	822	841	854
	30	O	313	317	320
		H	783	798	809
	45	O	453	461	468
		H	696	719	725
250	15	O	105	106	106
		H	619	639	651
	30	O	208	212	215
		H	601	616	627
	45	O	305	313	320
		H	547	571	577
75	15	O	59	60	61
		H	450	469	482
	30	O	121	125	128
		H	450	465	476
	45	O	181	189	196
		H	424	447	453
Without Length	15	O	40	41	41
		H	376	398	409
	30	O	83	87	90
		H	386	399	411
	45	O	128	136	143
		H	370	394	400

Sundry Components

Doors

Diameter Code	04	05	06
Replacement Cleaning Access Doors Matt Black			
Replacement Cleaning Access Door Matt Black	033204	033205	033206
Replacement Cleaning access Door Stainless Steel	033204A	033205A	033206A



Test Door	**Code 033205B**
Test Door (130 - 150mm Pipe)	033205B
Allows the flue draft to be tested. Replace with a standard door once test is complete.	

Sundries

Diameter Code	04	05	06
Pipe Increaser (VI) +			**Code 0320****
Internal Diameter	N/A	130	150
Installed Height	N/A	80	

Bracket (VB)			**Code 0321****
Internal Diameter	100	130	150
Adjustable wall bracket 200mm - 275mm from the wall. Supplied in black as standard.			

Clip (VC)			**Code 0323****
Internal Diameter	100	130	150
Manufactured from stainless steel to provide a decorative finish to joints.			

Rosette (VR)			**Code 0324****
Internal Diameter	100	130	150
Provides a neat finish where flue penetrates a non-combustible wall. Alternatively trim plates are available and are made to order supplied in stainless steel finish as standard.			

Cut Length Adaptor (VCLA)			**Code 0337****
Internal Diameter	100	130	150
Where no other solution is available this adaptor allows the Vitrelux pipework to connect to the flue system once it has been cut to size.			

Complementary Ranges

Midtherm Pyrus V

Wood Burning Stove

The Midtherm Pyrus V is contemporary, efficient, and built to last.

Our achieved efficiency ratings go above and beyond current regulations, future proofing your stove for years to come.

Sophisticated baffling and air inlet paths ensure the majority of the heat makes its way into the room, not out of the chimney.

Please see our "Perfect Flame" brochure for more details.

10 Year Extended Warranty

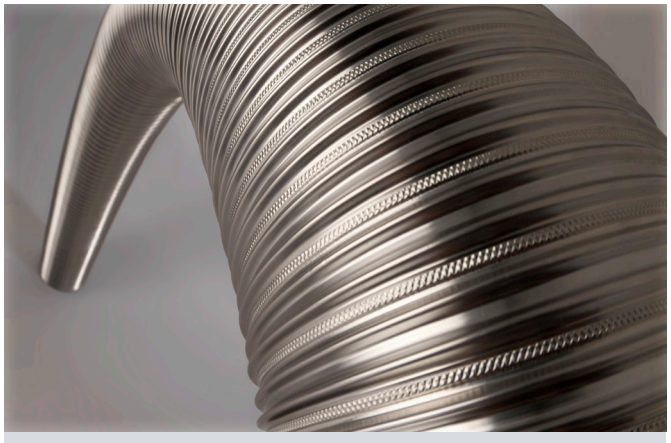
clearSkies 5

ECODESIGN COMPLIANT

Midflex

Flexible Chimney Liner

Midtherm Midflex is a class 1 flexible flue liner, that is produced in both 316L and 904L grade stainless steel. It is used for lining existing brick chimneys. Midflex has been tested for a maximum operating temperature of 600°C.



HT-S

Twin Wall Insulated High Temp

HT-S is designed with a sleek modern appearance, easy and consistent connection, with laser welded seams and machine formed joints using the latest techniques and technology. Used when there is no existing brick chimney, and can be used both internally and externally.

MIDTHERM

FLUE SYSTEMS

Midtherm House, New Road, Dudley, DY2 8SY
t 01384 458800 **w** midtherm.com

Flue Systems | Laser Cutting | Powder Coating | Enamelling
Re-engineering & Fabrications | UV Air Sanitisers | Catering & Sanitary Equipment