

Vitreous Enamelled

Carbon Steel Flue Pipe System

 **FlueSupplies**
UK CHIMNEY SPECIALISTS



Trade Catalogue



About Us

Flue Supplies is a family-run company with over 20 years direct experience of selling chimney products to the UK chimney trade and retail customers. All our products have been selected from quality manufacturers and are trusted by trade installers across the UK. We believe our products should give you both value for money as well as peace of mind.



Specifications

Product

Flue Supplies chosen brand of Vitreous Enamelled Flue Pipe is a single wall product manufactured and coated to the highest standards and is suitable for use on gas, oil and multi-fuel appliances, rating upto 50kW output.

Materials

A superior grade 1.2mm zero carbon steel is used to manufacture all the components in this range. Following manufacture, components are coated both internally and externally with a ground coat and a top coat of high temperature resistant and acid resistant vitreous enamel coating. Due to the chemical specification of the steel used for this product, it provides an excellent surface for the glass coating to adhere to.

Temperature and Corrosion Resistance

The finish of the product meets the high temperature and thermal shock requirements of BS 1344 Parts 1 and 7 and conforms to Class A for resistance to products of combustion when tested in accordance with **BS1344 Part 3**.

Jointing System

The Vitreous Flue Pipe has been designed with a quick and easy to use socket and spigot jointing system, which is leak proof when sealed and installed as recommended.

Flue Supplies recommends sealing the joint with fire cement or high temperature silicone sealant.

Access for Cleaning

Lengths, 15°, 30°, 45° and 90° Elbows are available both with or without doors. The doors accommodate cleaning and inspection requirements and are manufactured from brushed stainless steel, which allow the doors to be removed and re-fitted without chipping, whilst providing an aesthetic appearance.

Colours and Size Range

Matt black, gloss black and gloss white are available in all sizes.

Available in 100mm (4"), 125mm (5"), 150mm (6"), 175mm (7") and 200mm (8").

Product Designation and Testing

BSRIA Test report no. 19193/4

Vitreous product designations:

Product Type	Designation
Connecting Flue pipe	EN 1856-2 T450 N1 D VmL80120 G500



The Vitreous has been independently tested at BSRIA and complies with the specific requirements of BS EN 1856-2 in accordance with the general requirements of BS EN 1443-2003.

A high temperature and acid resistant vitreous enamel coating which meets the high temperature and thermal shock requirements for BS 1344 part 1 and 7, and conforms to class A for resistance to products of combustion when tested in accordance with BS 1344 part 3.

Quality Assurance

All products are controlled by a Quality Assurance System certified to ISO 9001:2000.



Certificate No. 576960

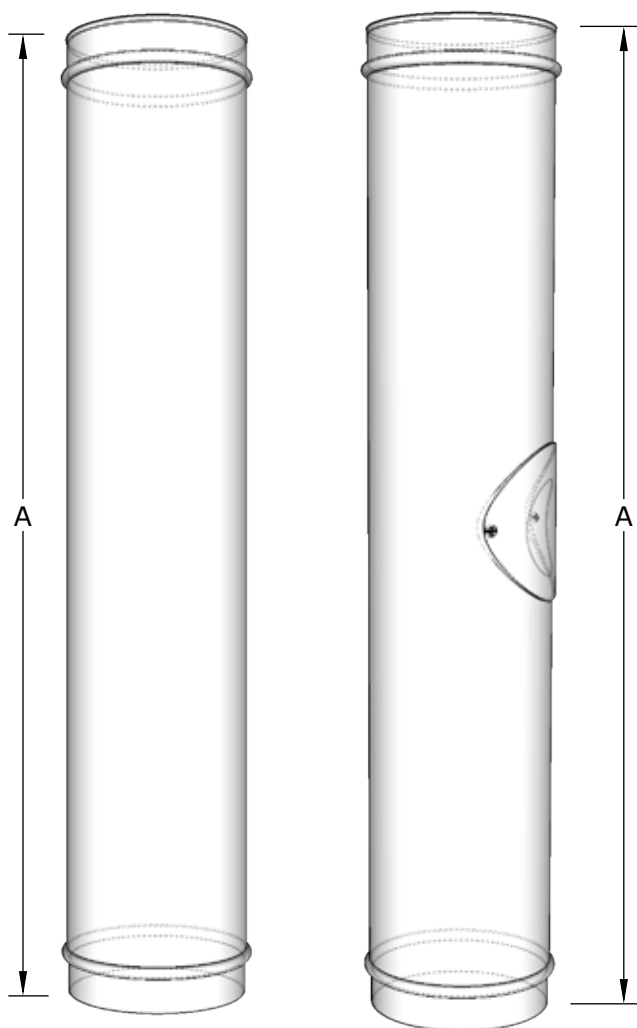
General notes:

1. Do not use chemical cleaners on the flue.
2. Do not obstruct or block the outlets or chimneys.
3. Do not cover the appliance.
4. Running appliances on constant low heat produces an increased level of condensation and may shorten the life of the product. Burning low grade fuels can also shorten the lifespan of the product.
5. Any person installing or carrying out work or maintenance on the appliance or flues must be suitably qualified and competent to do so. After installation, the system must be inspected and swept annually.

***The manufacturer may change the design of the products so dimensions may vary.**

Lengths

Vitreous Enamelled - Lengths



Plain Lengths

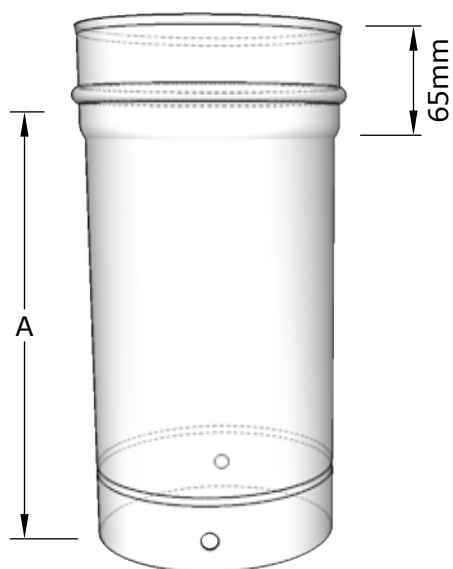
Fixed lengths available in 4 sizes:

Length	Installed Length
1000mm	960mm
500mm	460mm
290mm	250mm
115mm	75mm

Plain Lengths / With Sweeping Door

Fixed lengths available in 3 sizes:

Length	Installed Length
1000mm	960mm
500mm	460mm
290mm	250mm



Adjustable length

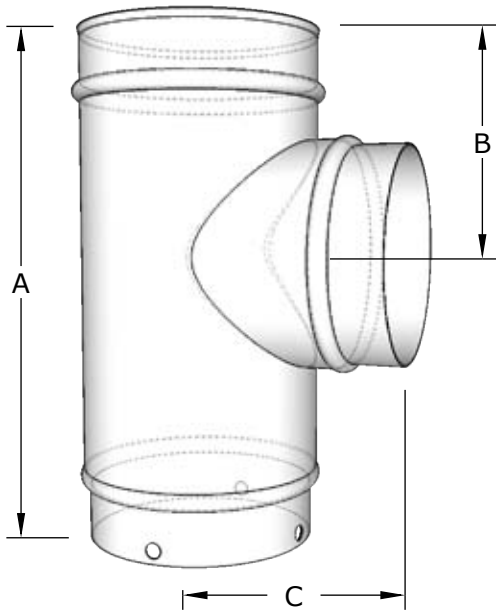
Designed to fit into a standard length to form an adjustable length.

Length	Installed Length (A)
500mm	65 - 450mm
250mm	65 - 245mm
150mm	65 - 145mm

90° Tee

Please note that tees are not supplied with the soot box which must be ordered separately.

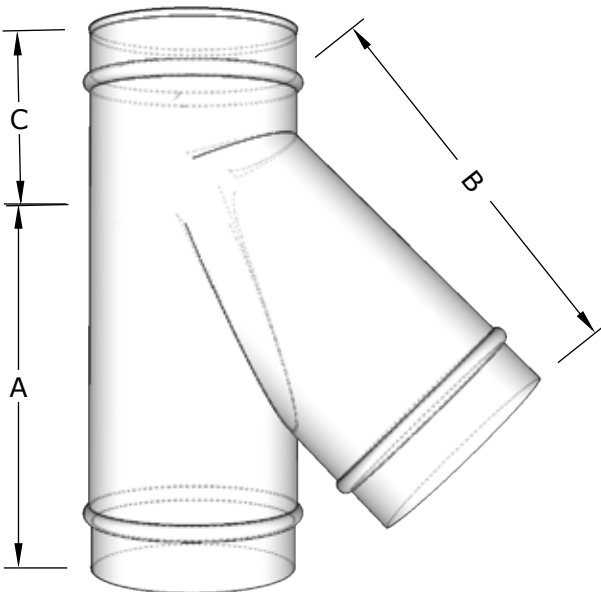
	4"	5"	6"	7"	8"
Diameter	100	125	150	180	200
A (mm)	250	280	300	330	350
B (mm)	125	140	150	165	175
C (mm)	75	90	100	115	125



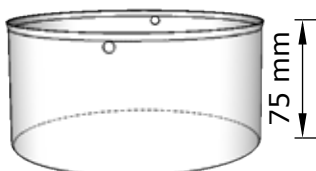
45° Tee

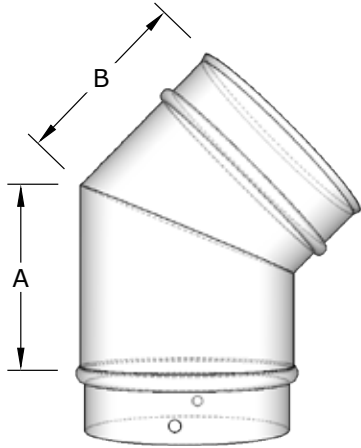
Please note that tees are not supplied with the soot box which must be ordered separately.

	4"	5"	6"	7"	8"
Diameter	100	125	150	180	200
A (mm)	275	315	320	380	415
B (mm)	165	190	215	240	265
C (mm)	65	70	60	65	60



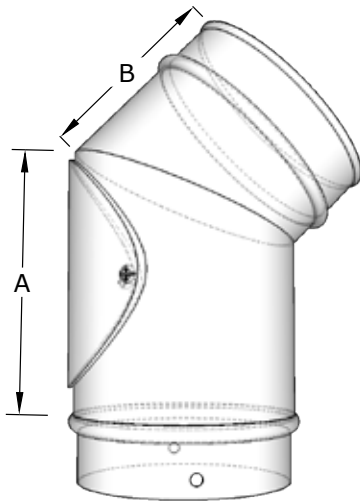
Soot Box





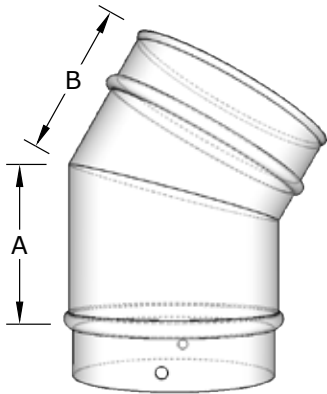
45° Elbow

	4"	5"	6"	7"	8"
Diameter	100	125	150	180	200
A (mm)	96	101	106	112	116
B (mm)	86	91	96	112	116



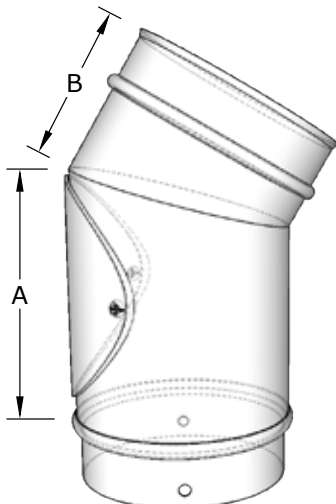
45° Elbow With Door

	4"	5"	6"	7"	8"
Diameter	100	125	150	180	200
A (mm)	156	161	161	156	156
B (mm)	86	91	96	112	116



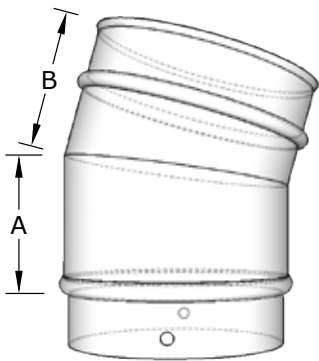
30° Elbow

	4"	5"	6"	7"	8"
Diameter	100	125	150	180	200
A (mm)	88	92	95	99	102
B (mm)	78	82	85	99	102



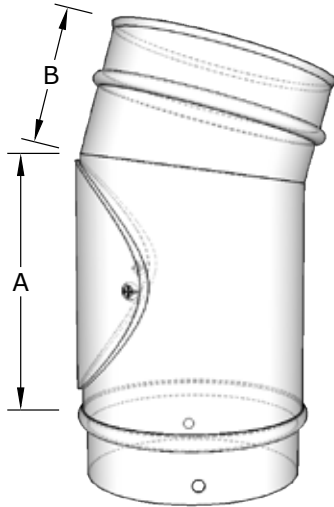
30° Elbow With Door

	4"	5"	6"	7"	8"
Diameter	100	125	150	180	200
A (mm)	163	167	170	174	177
B (mm)	78	82	85	99	102



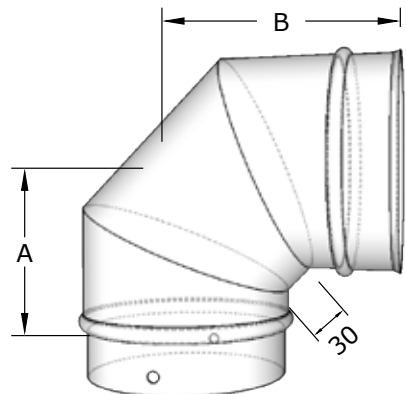
15° Elbow

	4"	5"	6"	7"	8"
Diameter	100	125	150	180	200
A (mm)	82	83	85	87	88
B (mm)	72	73	75	87	88



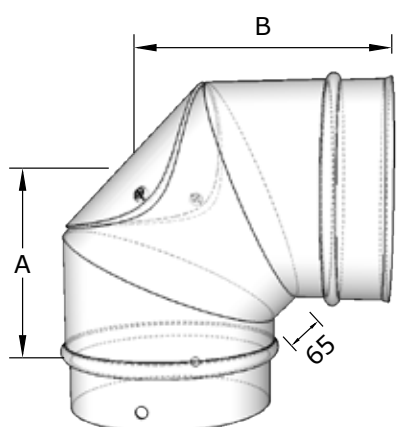
15° Elbow With Door

	4"	5"	6"	7"	8"
Diameter	100	125	150	180	200
A (mm)	157	173	180	182	183
B (mm)	72	73	75	87	88



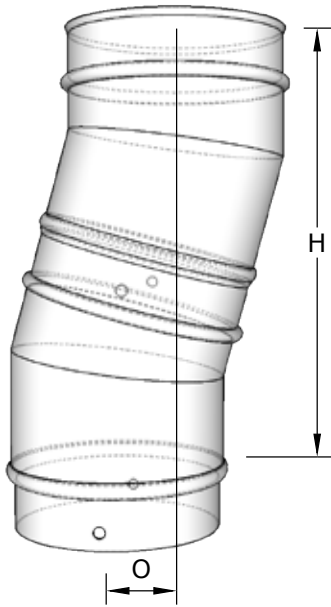
90° Elbow

	4"	5"	6"	7"	8"
Diameter	100	125	150	180	200
A (mm)	100	115	125	140	150
B (mm)	135	145	160	175	185



90° Elbow With Door

	4"	5"	6"	7"	8"
Diameter	100	125	150	180	200
A (mm)	125	140	150	165	175
B (mm)	160	170	185	200	210

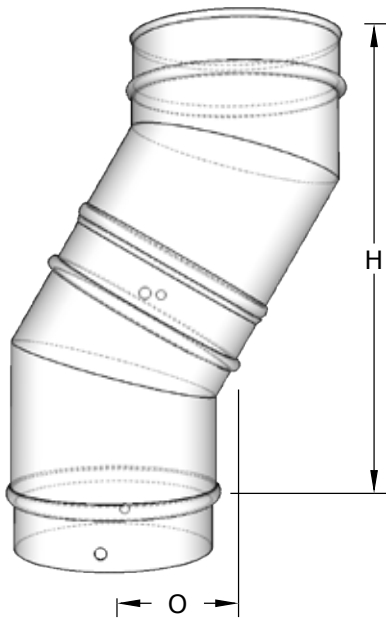


15°/15° Elbow

Offset

Dimension O gives the centre to centre distance when two elbows are used to provide an offset.

	4"	5"	6"	7"	8"
Diameter	100	125	150	180	200
Height H (mm)	301	308	314	341	347
Offset O (mm)	40	41	41	45	46

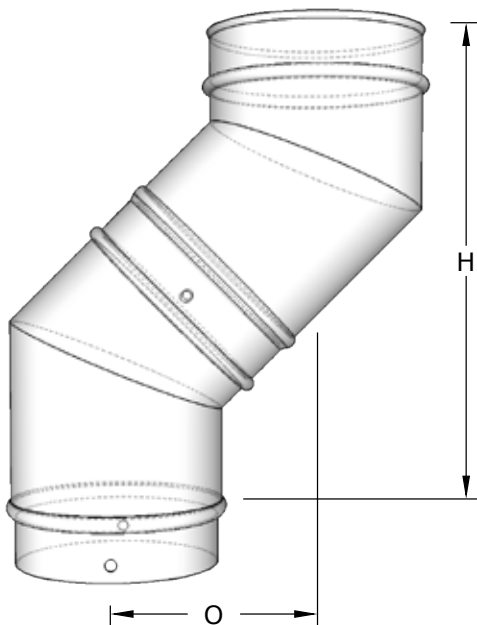


30°/30° Elbow

Offset

Dimension O gives the centre to centre distance when two elbows are used to provide an offset.

	4"	5"	6"	7"	8"
Diameter	100	125	150	180	200
Height H (mm)	311	324	336	370	380
Offset O (mm)	83	87	90	99	102

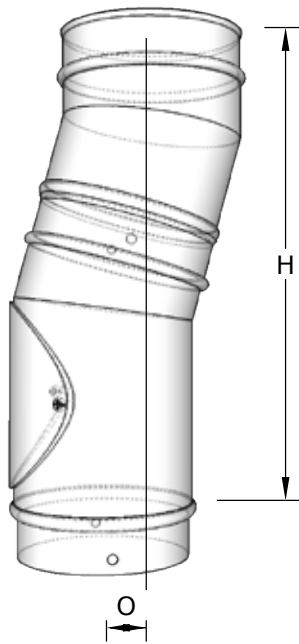


45°/45° Elbow

Offset

Dimension O gives the centre to centre distance when two elbows are used to provide an offset.

	4"	5"	6"	7"	8"
Diameter	100	125	150	180	200
Height H (mm)	310	327	345	383	397
Offset O (mm)	128	136	143	159	165

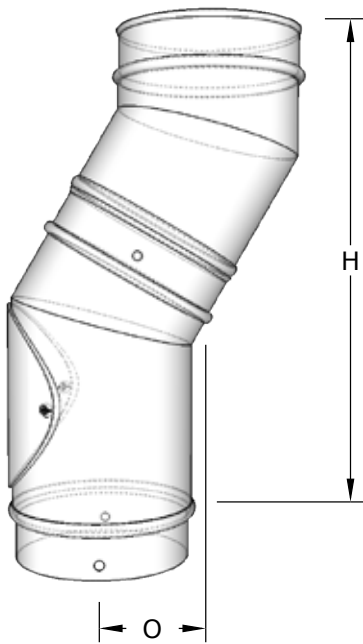


15°/15° Elbow

Offset With Door

Dimension O gives the centre to centre distance when two elbows are used to provide an offset.

	4"	5"	6"	7"	8"
Diameter	100	125	150	180	200
Height H (mm)	376	398	409	436	442
Offset O (mm)	40	41	41	45	46

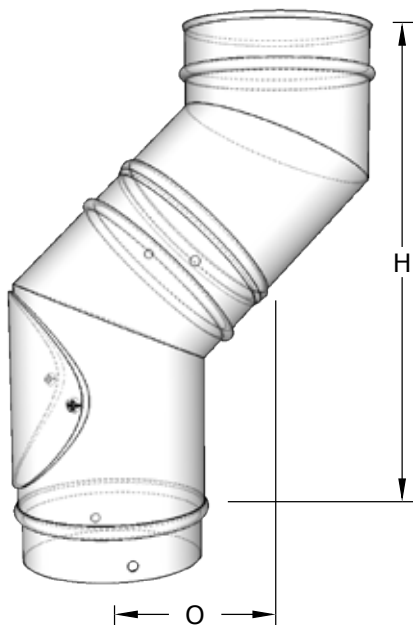


30°/30° Elbow

Offset With Door

Dimension O gives the centre to centre distance when two elbows are used to provide an offset.

	4"	5"	6"	7"	8"
Diameter	100	125	150	180	200
Height H (mm)	386	399	411	445	455
Offset O (mm)	83	87	90	99	102

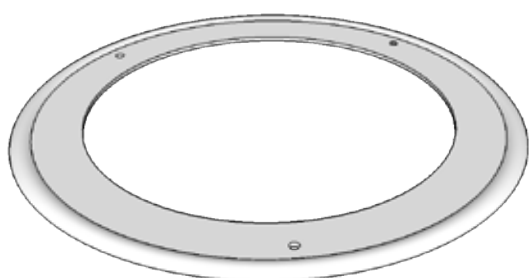
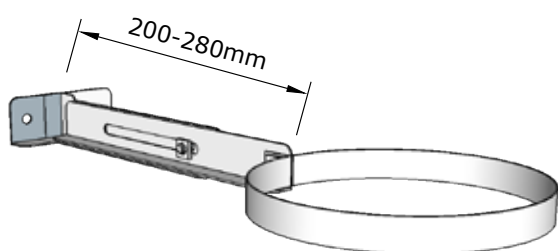
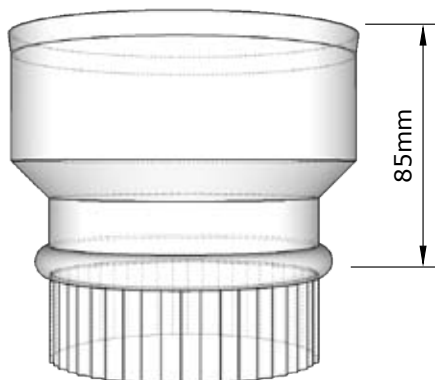


45°/45° Elbow

Offset With Door

Dimension O gives the centre to centre distance when two elbows are used to provide an offset.

	4"	5"	6"	7"	8"
Diameter	100	125	150	180	200
Height H (mm)	370	387	400	428	437
Offset O (mm)	128	136	143	159	165



Increasing Adaptor

Diameter	4 - 5"	5 - 6"	6 - 7"	7 - 8"
Bore	100	125	150	180
Increase (mm)	125	150	180	200

Wall Bracket

Adjustable

Adjustable bracket which will position the flue 200 - 280mm away from the wall. Manufactured in stainless steel powder coated black.

Locking Band

Or Clip

Optional extra for decorative finish on joints. Made of stainless steel.

Wall Ring/

Rosette

Provides a neat finish where the pipe penetrates a non combustible wall.

Vitreous Door

Replacement

Available in matt black or stainless steel finish. Stainless steel supplied as standard.

The Vitreous products are designed for usage straight off of the appliance to allow a full system to be installed.

The recommended maximum run of Vitreous is 1.5 metres before it connects to a liner or twin-wall insulated system.

Vitreous pipe must be installed (a minimum of 3 x diameter) from any combustible materials, e.g: 125mm pipe should be 375mm away from any combustible materials.

The Vitreous must only be used to connect from the appliance to an existing liner or twin-wall insulated system. It must NOT be used externally or to line a chimney stack.

The Vitreous should be fitted with socket uppermost, spigot (reduced end) downward to avoid condensate escaping.

It is not suitable for condensing applications.

Each joint should be sealed with fire cement or high temperature silicone sealant to ensure a gas-tight fit.

Where single wall flue passes through a brick internal wall, it is recommended a wall sleeve is used around the pipe.

Provision for sweeping and inspections must be made.

The chimney diameter should never be reduced to less than the diameter specified by the appliance manufacturer. An increase in size may be required.

Ensure that adequate air is available for combustion.

Components must NOT be modified for safety reasons.

Where there is a risk of combustibles being placed next to the chimney, the minimum distances to combustibles must be maintained whether by a permanent enclosure or shield.

A chimney notice plate and carbon monoxide detector must be installed in the building, preferably in the same room as the appliance.

The installation must be commissioned by a registered installer in-line with the Building Regulations (Document J). If there are any leaks or issues with the system, it must not be used until the problems have been rectified.

Provisions must be made for condensate drainage where appropriate.

Please refer to the Document J Building regulations for more information.



ISO 9001
FS 576960