

Midtherm Flue Systems Limited is an independent British manufacturing company producing a wide range of flue and chimney products, along with associated components and services. Established for over 30 years, Midtherm products are installed worldwide including Poland, Oman, Libya, Hong Kong, China and the USA.

Quality Assurance

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



TL (Twin Wall) Product

The Midtherm TL range is a prefabricated Class 1 twin wall insulated flue system with a 0.5mm thick 316 inner lining, 25mm cavity filled with ceramic fibre insulation, and a 0.5mm thick 304 outer casing.

Lengths and fittings have a male and female coupler which simply push together and then twist to lock. Locking bands are then used to secure.



Applications

Midtherm TL is designed for domestic and commercial use on gas, oil, solid and multi-fuel installations where appliances burn with flue gas temperatures of up to 450°C under continuous firing and is soot fire resistant.

The TL system **IS NOT** designed for use on condensing or pressure applications. HT Plus, TS (Twin Seal) and PS (Pressurised System) are recommended for condensing applications. The product required will be dependent upon the flue route, skill of the installation team and pressure within the flue.

Product Designation

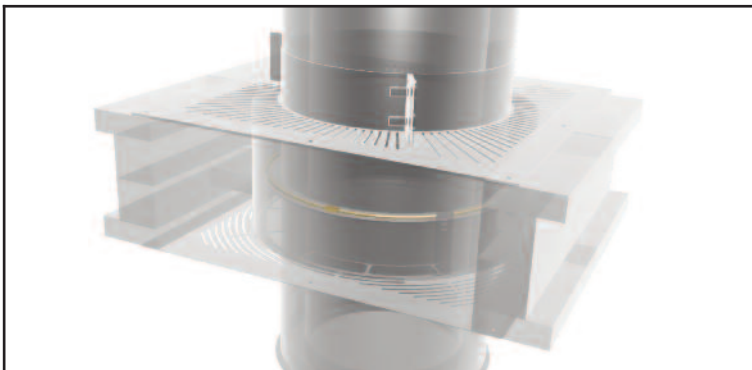


Product Type	Designation
System Chimney	EN 1856-1 T450 N1 D VmL50050 G50
System Chimney	EN 1856-1 T200 N1 D VmL50050 O30

TL has been independently tested at BSRIA and complies with the specific requirements of BS EN 1856-1:2003 in accordance with the general requirements of BS EN 1443-2003. The patented fire stop plate (Patent No. GB2402333) has been tested to BS 476 at Warrington Fire Research Centre, report number: 166009.

Size Range

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



Midtherms TL Ventilated Fire Stop Plate

Typical Domestic Multifuel Stove Installation



Vitreux Product

Midtherm Vitreux Vitreous Enamelled Flue Pipe is designed as a connecting flue pipe with high temperature and acid resistant vitreous enamel coating. It is suitable for use on gas, oil and multi-fuel appliances, rating up to 50kW output where appliances burn with flue gas temperatures of up to 450°C under continuous firing and is soot fire resistant.

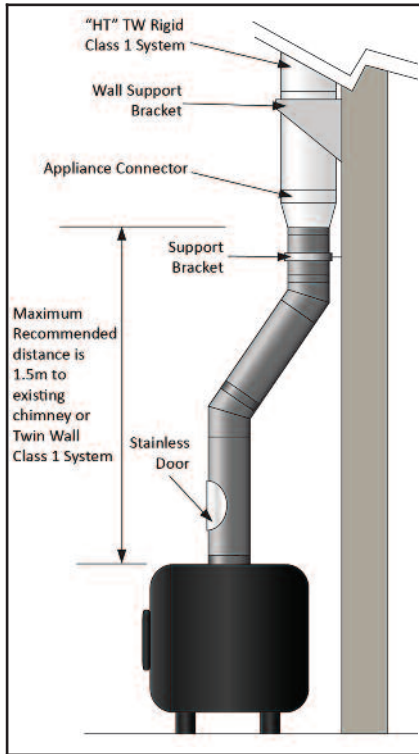
A single wall product manufactured and coated to the highest standards, made from a 1.2mm thick superior grade zero carbon steel. Following manufacture, components are coated both internally and externally with a ground coat and top coat of high temperature resistant and acid resistant vitreous enamel coating.

Vitreux Vitreous enamel flue pipe should only be used to connect from the appliance into an existing lined chimney, or a class 1 twin wall insulated stainless steel chimney. Under NO circumstances is Vitreux to be used externally or to line an existing chimney.



Vitrelox Product - Continued

Typical Vitrelox Installation



- Vitrelox Vitreous Enamel flue pipe should only be used to connect from the appliance into an existing lined chimney, or a class 1 twin wall insulated stainless steel chimney. Under no circumstances is Vitrelox to be used externally or to line an existing chimney.

- We recommend no more than 1.5m of Vitrelox be installed from the appliance to the existing chimney, twin wall class 1 system or euroflex multifuel liner to avoid excessive condensation.

- 500mm minimum clearance must be maintained from combustibles materials for Connecting Flue Pipe T450 applications.

- Vitrelox should be fitted with socket uppermost, spigot (reduced end) downward. Thus, no condensate can escape to spoil the appearance of the finished installation. It is not suitable for condensing applications.

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- Where single wall flue passes through a brick wall, we recommend that a wall sleeve (short piece of duct the next diameter up) should be used around the pipe. The gap can be sealed with non-combustible insulation material.

- Provision for inspection/sweeping must be made. Inspection lengths are available for this purpose.

- The chimney diameter should never be reduced to less than the diameter specified by the appliance manufacturer, in some cases this may involve an increase in diameter from the appliance spigot.

- On completion of the installation it should be commissioned in line with the requirements of EN12391 or BS5440 as appropriate including a smoke test (see also the Operation and Maintenance Instructions). If there are any leaks, or any significant spillage, the fault must be rectified before the appliance is used.

Size Range

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

Colours

Matt black, gloss black, gloss brown and gloss white available in all sizes. 125mm (5") and 150mm (6") is also available to match up to FRANCO BELGE stoves in colours: gloss blue, gloss majolica green, gloss red, gloss ivory and gloss majolica brown.



Matt Black Gloss Black Gloss Brown Gloss White

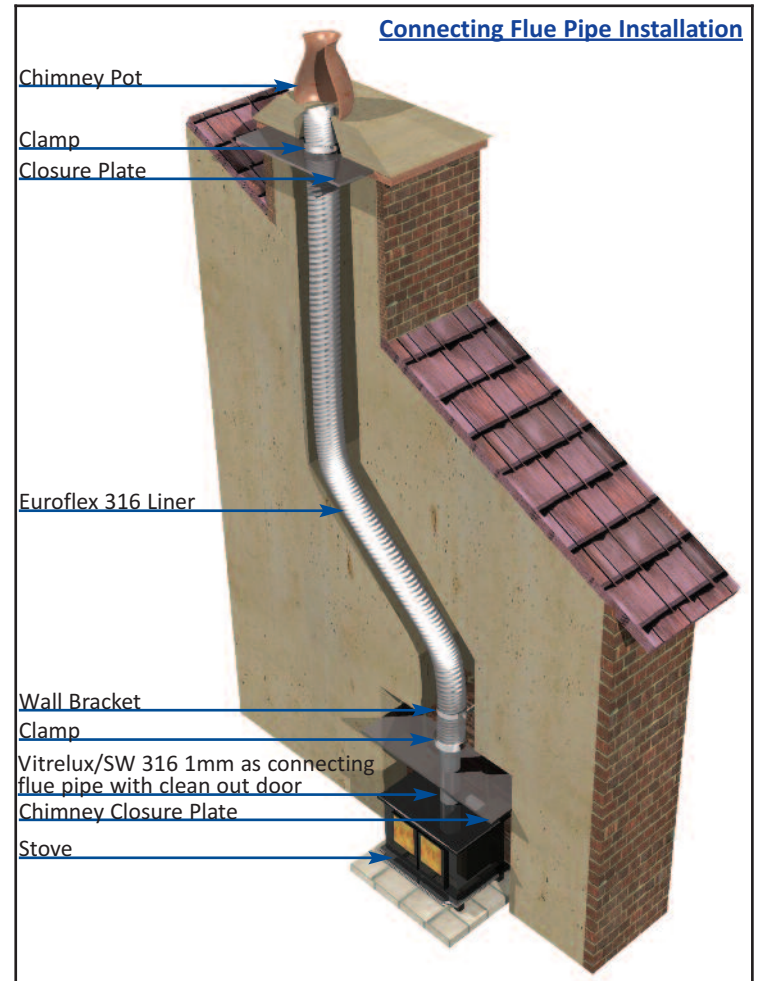
Flexible Liner Product

Midtherm Multifuel Flexible Liner is available in Midflex 904L, Euroflex 316L Ecoflex 904L and Ecoflex 316L dependent upon customers specified requirements. All twin wall flexible liners are made from high quality 316L or 904L grade stainless steel and produced to the highest standards.

Size Range

All ranges available in 125mm (5"), 150mm (6"), 180mm (7") and 200mm (8"), available in both pack form, cut to length or full coils.

Euroflex 316L and Ecoflex 316L are also available in 80mm (3"), 100mm (4"), 230mm (9") and 250mm (10") on special order only.



Please contact our sales department for more information, product brochures and prices on these products.

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