

# Stainless steel double-walled flue pipes

- Manufactured in high quality stainless steel
- 25 mm insulation
- CE certified according to EN1856-1
- 10-year warranty



## Product description

Econox supplies an extensive range of double-walled flues. The double-walled flue gas discharge consists of an insulated flue consists of an insulated double wall. The products are suitable for many purposes. Thanks to the seal, the products are also suitable for condensing boilers.

## Advice and installation

If required, Econox can calculate the required diameter and materials for you. Econox can also take care of the engineering of your project and complete installation. To do so, please contact one of our consultants.

## Specifications

- Material: all stainless steel 316
- Available in diameters 80, 100, 130, 150, 180, 200, 250, 300, 350

## Productdescription

Diameters	80/130 to 350/400 mm
Flue gas duct material	Inox 316 / I 316 L
Chimney flue thickness	0.5 / 0.6 mm
Outer jacket material	Stainless steel I 304
Outer jacket thicknesses	0.5 / 0.6 mm
Seal	Without / Silicone / Viton
Length	250 to 1000 mm
Fittings	Elbows / T-pieces / Couplings / Sockets / Loops
Pressure qualification	P1 (with seal) / N1
Condensate resistant	Yes
Operating temperature with seal	160 °C
Operating temperature without seal	600 °C
Insulation	Stone wool
Insulation thickness	25 mm
Material finish	2b (matt)

## Fuel Type

	with seal	without seal
gas	X	A
fuel oil	X	A
wood	V	X
coal	V	X
pellets (wood)	X	X

Legend:

X = OK

A = Only with atmospheric device

V = Avoid sealing due to high temperatures

**Pipe L=1000**

Double-walled pipe with working length 945 mm.  
Equipped with 25 mm insulation. Excluding sealing rubber.

**Pipe L=500**

Double-walled pipe with working length of 445 mm.  
Equipped with 25 mm insulation. Excluding sealing rubber.

**Pipe L=300**

Double-walled pipe with working length 250 mm. Equipped with 25 mm insulation. Excluding sealing rubber.

**DW bend 15 degrees**

Double-walled bend 15 degrees. Equipped with 25 mm insulation.  
Excluding sealing rubber.

**DW bend 30 degrees**

Double-walled bend 30 degrees. Equipped with 25 mm insulation.  
Excluding sealing rubber.

**DW bend 45 degrees**

Double-walled bend 45 degrees. Equipped with 25 mm insulation.  
Excluding sealing rubber.

**Transition from double-walled to single-walled**

Transition piece from double-walled to single-walled. The double-walled part is provided with 25 mm insulation. Excluding sealing rubber.

**DW Stainless steel lid**

Double-walled stainless steel lid for sealing stainless steel ducts.  
Excluding sealing rubber.

**DW Stainless steel condensation cap**

Double-walled stainless steel condensation cap for water drainage.  
Excluding sealing rubber.



### T-piece T135 degrees

Double-walled T-piece 135 degrees, with 25 mm insulation.  
Excluding sealing rubber.



### T-piece T135 degrees

Double-walled T-piece 135 degrees with single-walled branch.  
Double-walled part provided with 25 mm insulation.  
Excluding sealing rubber.



### T-piece T90 degrees

Double-walled T-piece 90 degrees. Equipped with 25 mm insulation.  
Excluding sealing rubber.



### T-piece EW T90

Double-walled T-piece 90 degrees with single-walled branch.  
Double-walled part with 25 mm insulation.  
Excluding sealing rubber.



### Top section DW

Double-walled top piece with single-walled connection for use with  
single-walled top sections (page 373). Double-walled part  
with 25 mm insulation. Excluding sealing rubber.



### DW conical top

Double-walled conical top with single-walled connection for application of top  
sections. The double-walled section is provided with 25 mm insulation.  
Excluding sealing rubber.



### Clamp

Stainless steel clamp for the proper attachment of double-walled stainless  
steel pipes and fittings to each other.



### Sealing rubber Silicon

Silicone rubber for airtight connection of stainless steel pipes and fittings.



### Sealing rubber VITON

Viton sealing rubber for airtight connection of stainless steel pipes and  
fittings. Very high-quality rubber used in the automotive, aviation and  
chemical industries. Resistant to high acidity from condensation.

