



## Connecting Pipes > 1mm SW Stainless Steel Flue Pipes

**Flue Factory SW316 is a single wall flue system suitable for gas, oil, wood and multi-fuel appliances.**

**It has been specifically engineered to give an authentic visual look, whilst at the same time being manufactured using the latest technology to ensure years of trouble free use.**

**Manufactured in 316L grade stainless steel it is extremely resistant to corrosion.**

**The system is available in Flue Factory standard diameters 125mm, 150mm, 180mm and 200mm.**

### Approvals »

Flue Factory SW316 1mm conforms to BS6461 parts 1 & 2: 1984 for Appliance to Chimney Connection, and is suitable for domestic appliances burning solid fuel.

When installed in compliance with BS5854: 1980 is suitable for chimney lining.

### Design & Specification »

SW316 1mm Single Wall is suitable for use on applications fired by gas, oil and solid fuel with flue gas temperatures not exceeding 540°C, up to 750°C short firing – it can withstand temperatures up to 1100°C.

The longitudinal seam on all components is fully welded to minimise any chance of leakage and to ensure a uniform high quality of manufacture throughout.

Components have been designed to be installed quickly, safely and simply. SW316 single wall flue system is designed to be installed with the socket (the female coupling) directed upwards. The male spigot end is formed by crimping and swaging and must always point downwards.

By fitting the parts together this way allows for debris and moisture to run back down the flue.

The joint is sealed by sliding the quick action Joint Clamp Bands into position over the two raised swaged seams and closing the spring locking toggle.

### Application »

SW316 has been designed to be used to flue all types of

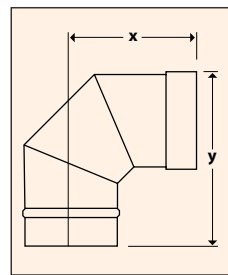
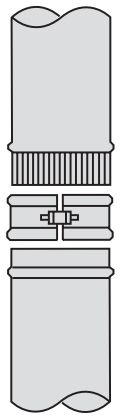
domestic appliances burning solid fuel, gas, oil and wood. It is also suitable for relining chimneys.

### Installation »

SW316 should be fitted at least three times the diameter away from any combustible materials. For example 125mm pipe should be a minimum of 375mm away from any combustible material.

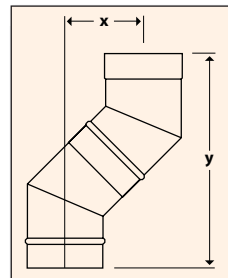
All sockets (female end) should be upward, with the crimped spigot (male end) dropping into the socket.

The joint is sealed by sliding the quick action Joint Clamp Bands into position over the two raised swaged seams and closing the spring locking toggle.



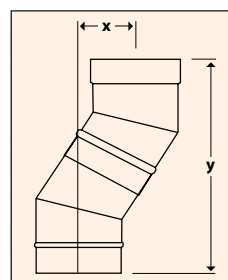
#### 90° Elbow Offset

Ø	X	Y
100	169	222
125	168	234
150	173	252
180	192	285
200	202	305



#### 2 x 45° Elbows

Ø	X	Y
100	119	286
125	127	310
150	125	304
180	138	332
200	144	346



#### 2 x 30° Elbows

Ø	X	Y
100	76	285
125	82	305
150	77	291
180	85	314
200	87	324