



CVE Shop **Insulated Flexible Ducting** is ideal for ventilation, air conditioning, and air handling systems where high mechanical strength, temperature and thermal and sound attenuating qualities are required.

The flex is constructed with a multiple layer inner core, fully flexible, laminated duct with a steel spiral inserted between the layers. Insulated with high density fibreglass 25mm thick covered in a multiple layer outer jacket acting as a vapour barrier.

Technical Data	
Diameter Range	80mm to 500mm
Temperature Range	-20°C to +80°C
Air Velocity	30 M/S maximum
Working Pressure	Maximum 2000 Pa positive
Insulation	25mm thick microfiber 16kg/m3
Thermal Conductivity in W/m.K at 10oC	0,036
Outer Jacket	Scuff resistant reinforced Aluminium laminate fabric
Colour	Metallic Silver
Standard Length	10 Metres

## Packaging

Each 10 metre length is individually cartooned. This production and packaging configuration ensures that wastage through scrap is kept to a minimum and dramatically reduces the chance of damage in transit or on site.

## Installation

Fully extend ducting, then cut to exact length using a sharp knife and pliers/wire cutters (see length calculations below). To fix insulated flex to spigots we recommend the Combi-Vent Flexi-Clip.

When installing flex, securely clamp the inner core first and then tape or clamp the outer jacket and inner core to the spigot. Taping the outer jacket to the spigot will prevent any fibre migration.

Sizes Available / Dimensions									
CVE Product Code	CVIF-100	CVIF-125	CVIF-150	CVIF-200	CVIF-250	CVIF-300	CVIF-315	CVIF-355	CVIF-400
Diameter	100mm	125mm	150mm	200mm	250mm	300mm	315mm	355mm	400mm
Length	10m	10m	10m	10m	10m	10m	10m	10m	10m

