



## **SPECIFICATION DETAILS**

Insulated Flexible Aluminium duct is a range of fully flexible thermally insulated ducting, which has been specially designed for the HVAC market. The insulated flex range has been developed to minimise the heat gain or loss resulting from the temperature differential between the airflow and the surrounding ambient air. The vapour barrier prevents condensation forming on the outside of ducts carrying air at lower temperatures than the surrounding air.

Insulated Flexible Aluminium duct is constructed with an inner duct (Aluminium Flex) with either 25mm or 50mm fibreglass insulation and covered with an outer jacket, which acts as a vapour barrier. The jacket is a spirally produced multi-layer Aluminium/Polyester laminated fabric reinforced with a fibreglass yarn, which provides an outstanding combination of strength and tear resistance.

Supplied in 3, 4 or 10 metre length

Individually boxed

Easy to connect to round ducting

No special tools required for cutting or fixing

In the event of a fire no toxic gases are emitted

The products have been successfully tested for fire resistance and conforms to BS476 Parts 6, 7 & 20

**MAX/MIN OPERATING TEMPERATURES - 30°C/ + 140°C**

Inner duct	Flexible Aluminium Duct
Insulation	16kg/m <sup>3</sup> Fibreglass 25mm*
Diameter range (mm)	80-315
Maximum air velocity	30m/sec
Max. positive working pressure	2500pa
Length	3, 4 and 10 metre
Packing	Individual