



**NATIONAL  
VENTILATION**



## **FXALINS DUCTING**



A l u m i n i u m   I n s u l a t e d   D u c t i n g



## FXALINS DUCTING

### Application

FXALINS is a range of fully flexible thermally insulated ducting, which has been specially designed for the HVAC market. The FXALINS 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.

### Construction

FXALINS is constructed with an inner duct (FXAL) 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.

### Advantages

- Supplied in standard 10 metre length, compressed to 1 metre
- Individually boxed
- Easy to connect to either round or oval 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

### Technical data

Inner duct	FXAL
Insulation 16kg/m <sup>3</sup>	Fibreglass 25mm*
Diameter range (mm)	80-610
Temperature range °C	-30/+140
Maximum air velocity	30m/sec
Max. positive working pressure	2500pa
Standard length	10 metre
Packing	Individual box of 1 metre
Clamping	Lightning Band, Stainless Steel Clamps, Nylon Clamps and Quick Release Clamps

\* Also available with 50mm insulation