

Hasflex Acoustic Flexible Ducting



Hasflex ML Acoustic Flexible Ducting

Application

HASFLEX ML is a range of fully flexible thermal and acoustic insulated ducting which has been specially designed for the HVAC Market. The vapour barrier prevents condensation forming on the outside of the ducts carrying air at lower temperatures than the surrounding air. The HASFLEX ML range has been developed to reduced cross talk and noise generated by in-duct components and offers a very high degree of sound absorption. Pressure loss and insertion loss data are available upon request.

Construction

HASFLEX ML is constructed using a micro perforated HASFLEX MU inner duct (covered with a protective film to prevent the glass fibre entering the airstream), 25mm or 50mm fibreglass insulation and a vapour barrier jacket. The jacket is a spirally produced multi layer aluminium polyester laminated fabric reinforced with fibreglass yarn, which provides an outstanding combination of strength and tear resistance.



Advantages

- Can be easily cut at the required length.
- Supplied in standard 10 metre lengths compressed to 1.2 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 to BS476 parts 6, 7 and 20.
- No migration of glass fibre particles into the airstream.

Technical data

Inner Duct	Perforated HASFLEX MU
Jacket	Aluminium/Polyester Fibreglass Yarn
Insulation 16kg/m ³	Fibreglass 25mm*
Diameter range (mm)	100-500
Temperature range	-30/+140
Maximum air velocity	30m/sec
Max. positive working pressure	2000 Pa
Standard length	10 metre
Packing	Individual box of 1.2 metre
Clamping	Hasflex Lightning Band, Stainless Steel Clamps, Nylon Clamps or Quick Release Clamps

* Also available with 50mm insulation

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