

ACOUSTIDUCT

Acoustic Insulation for Ducting & Piping



About the Product

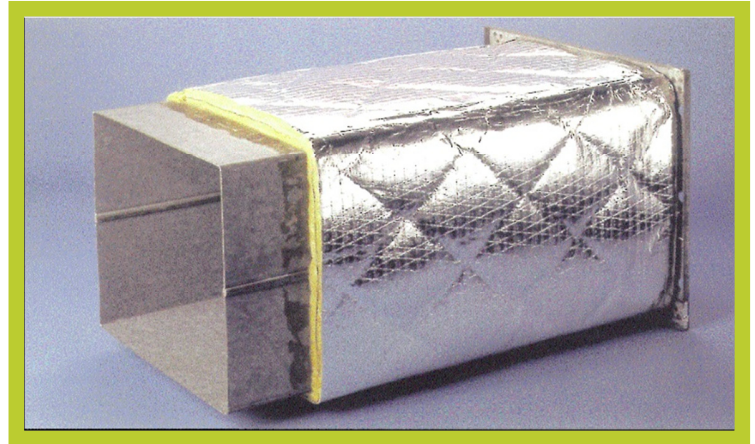
TIDL Acoustiduct Acoustic Blankets comprise a range of products manufactured from various combinations of glass fibre, melamine foam, polyester blanket, lead or polymeric barriers. The resulting composite panels are faced one side with a reinforced Class 'O' aluminium foil. They are designed to control noise breakout from rectangular or circular ductwork and pipes by isolating noise within the duct or pipe from the outside environment.

Technical Details

Operating Temperature: up to 90°C

Fire Performance: complies with the Class 'O' requirements of the Building Regulations, when tested to BS476: Part 6: 1981 and Part 7: 1987.

Thermal Conductivity: 0.037 W/mK @ 10°C



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DESIGN & APPLICATION

- Manufactured from a high performance layer of glass fibre with a polymeric barrier mat core (lead substitute)
- Extremely Flexible and forms easily around curved surfaces
- External Finish is a Class 'O' Aluminium Foil
- Is suitable for use in applications requiring high levels of thermal and acoustic insulation

ACOUSTIC PERFORMANCE

Thickness	Barrier Weight	Typical Reduction in Noise Breakout dB					
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
mm	KG/m ²						
12	5	4	1	8	16	18	20
25	5	1	4	12	17	19	21
50	5	2	6	14	18	20	23
12	10	2	5	12	18	22	23
25	10	4	6	16	20	24	25
50	10	4	10	18	22	26	29