

# ADVANTAGE AIR®

## FLEXBLE DUCWORK ACCOUSTIC FLEX



### CONSTRUCTION

- Acoustic Flex is supplied in 10 meter lengths.
- Not a stock item and will require 10 days lead time to manufacture & supply.

### Core

- Constructed from aluminum tape on the inside and metallized polyester tape on the outside which encapsulates a spiral galvanized steel wire and is chemically bonded using self extinguishing fire retardant adhesives.
- The appearance of the core is silver with perforations at regular intervals.

### Insulation

To achieve the published insertion losses the core must be insulated with the following blanket:

- Thick polyester blanket as specified by the customer to comply with the BCA.
- Other insulation options available on request.

### Sleeve

- The sleeve is constructed from a silver metallized polyester tape. As an optional extra insulated duct can be supplied with reinforced sleeve. This must be specified at the time of ordering.
- The sleeve must be fully taped to the spigot as the sleeve acts as the air envelope.

### APPLICATIONS

- Acoustic flex provides higher insertion losses than standard flexible duct and is ideal for reducing low frequency noise levels in air conditioning systems.

- Not recommended for return air flexible ductwork on commercial projects, or on systems with AC units larger than 6Hp (18kW).

### TECHNICAL

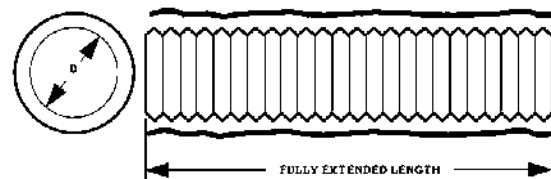
Acoustic flex has passed all of the above tests and has obtained a "0003 rating". Copies of test certificates can be viewed on pages 10 to 17

### Operating range

Acoustic flex is designed to operate in the following range:

- Between -10°C and +80 °C
- Between -200Pa and +1000Pa internal pressure
- Maximum velocity 20 m/s

### DIMENSIONS



MODEL NO.	DIAM mm	LENGTH mm
A	100	10000
A	150	10000
A	200	10000
A	250	10000
A	300	10000
A	350	10000
A	400	10000
A	450	10000
A	500	10000
A	550	10000
A	600	10000

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