

Triple Lock[®] Medical Grade

ACOUSTIC FLEXIBLE DUCTING

Triple Lock[™] T/L-AM8

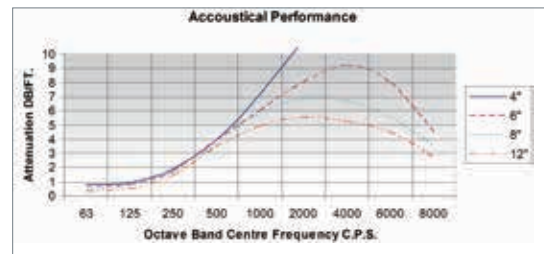
This medical grade insulated acoustic air duct is manufactured using a dead soft perforated aluminum strip, spirally wound and mechanically joined together. The fiberglass blanket is totally isolated from the air stream by a seamless polyethylene liner, which is draped with thick R-6/R-8 fiberglass insulation and covered by a flame retardant, scrim foil mylar vapour barrier. This product uses a Triple Lock[™] (T/L basic) perforated core with an open area of 20% to 25% to completely cushion sounds, such as air movement and duct vibrations.

This product is ideal for use in medical care facilities and should allow for a comparatively noise free environment.

Suggested Specification

Flexible duct shall be Triple Lock[™] T/L-AM8 by Flexmaster. The duct shall be made of perforated dead soft aluminum and manufactured in a manner to produce a three ply mechanical airtight seam. The core will be factory-wrapped with a seamless polyethylene liner, draped with thick R-6/R-8 fiberglass insulation and covered by a flame retardant, scrim foil mylar vapour barrier. This flexible acoustic aluminum duct shall be UL181 Class 1 Air Duct.

- **Three ply mechanical airtight seam**
- **Manufactured from dead soft pure aluminum**
- **Perforated core**
- Greater flexibility
- Exceptional strength
- Corrosive resistant
- Anti-microbial properties
- Air stream protected by seamless polyethylene liner
- Vibration deadening properties
- Lightweight and self supporting
- Acoustic qualities
- Highly puncture resistant
- Thermal reliability



Material:	Perforated aluminum core (min 20%), polyethylene vapour liner, R-6/R-8 insulation, mylar vapour barrier
Maximum Rated Velocity:	20.3 m/s (4000 fpm)
Maximum Positive Pressure:	1.5 kPa (6 in. WC)
Maximum Negative Pressure:	0.25 kPa (1 in. WC)
Temperature Range:	-40°F to +250°F (-40°C to +121°C)
Bend Radius:	1½ x diameter
Available Sizes:	6" - 16"
Standard Lengths:	5ft
UL Listing:	UL181 Class 1 Air Duct

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FLEXMASTER
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