

# Triple Lock<sup>®</sup> Thermal Duct

## ACOUSTIC FLEXIBLE DUCTING



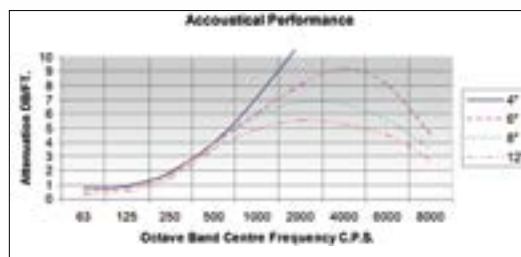
- Three ply mechanical airtight seam
- Manufactured from dead soft pure aluminum
- Perforated core
- Mylar vapour barrier
- ULC Listed
- Greater flexibility
- Exceptional strength
- Corrosive resistant
- Anti-microbial properties inhibit the growth of mold and mildew
- Air tight and leakproof seam
- Vibration deadening properties
- Lightweight and self supporting
- Acoustic qualities
- Highly puncture resistant
- Thermal reliability
- Metallic finish

### Triple Lock<sup>®</sup> T/L-AM

An insulated acoustic air duct, manufactured using a dead soft perforated aluminum strip, spirally wound and mechanically joined together. The inner duct is draped with thick fiberglass insulation and covered by a flame retardant, scrim foil mylar vapour barrier. This ULC-S110 and UL-181 Class 1 rated product uses a Triple Lock<sup>®</sup> (T/L basic) perforated core with an open area of 20% to 25% to completely cushion sounds, such as air movement and duct vibrations.

### Suggested Specification

Flexible duct shall be Triple Lock<sup>®</sup> T/L-AM 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 fiberglass insulation and covered by a flame retardant, scrim foil mylar vapour barrier. This flexible acoustic aluminum duct will be listed in accordance with ULC-S110 and classified as Class 1.



Material:	Perforated aluminum core (min 25%)
Thermal Resistance:	R4.2, R6, R8
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:	4" to 20" (Other sizes upon request)
Standard Lengths:	10ft
ULC Listing:	Class 1 Connector

NOTE: This ULC Class 1 product has a flame spread rating of not over 25 without evidence of continued progressive combustion and a smoke developed rating of not over 50.

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