

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

## ACOUSTIC FLEXIBLE DUCTING



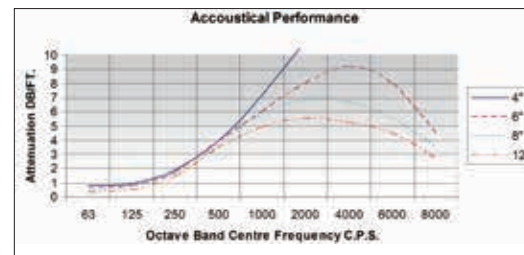
- Three ply mechanical airtight seam
- Manufactured from dead soft pure aluminum
- Perforated core
- Mylar vapour barrier
- ULC Listed
- Greater flexibility
- Exceptional strength
- Corrosive resistant
- Air tight and leakproof seam
- Vibration deadening properties
- Lightweight and self supporting
- 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 24"
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.

All products are warranted to be free from all defects in material and workmanship. It is impossible to test all products under all conditions to which they might be subjected in the field. It is therefore the buyer and/or end users' responsibility to test all products under the conditions that duplicate the service conditions prior to installation. All improvements, all specifications are subject to change without prior notice. It is the buyer and/or end users' responsibility to review our complete **Terms and Conditions of Sale** located on our web sites at: [www.novaflex.com](http://www.novaflex.com) / [www.z-flex.com](http://www.z-flex.com) / [www.flexmaster.com](http://www.flexmaster.com).

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Calgary, AB  
Delta, BC  
Etobicoke, ON  
Pointe Claire, PQ  
Richmond Hill, ON

Tel 403.277.3115 Fax 403.276.1309  
Tel 604.940.6401 Fax 604.940.6402  
Tel 416.679.0045 Fax 416.679.0051  
Tel 514.697.3701 Fax 514.697.3767  
Tel 905.731.9411 Fax 905.731.7086

FLEXMASTER CANADA LTD  
THE NOVAFLEX GROUP

Email: [sales@flexmaster.com](mailto:sales@flexmaster.com)  
Website: [www.flexmaster.com](http://www.flexmaster.com)