

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

## Acoustic FLEXIBLE DUCTING



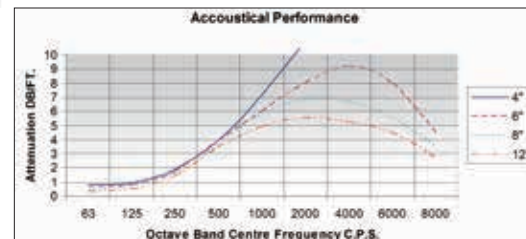
- Three ply mechanical airtight seam
- Manufactured from dead soft pure aluminum
- Perforated core
- ULC Listed
- Greater flexibility
- Exceptional strength
- Corrosive resistant
- Air tight and leakproof seam
- Vibration deadening properties
- Lightweight and self supporting
- Acoustic qualities
- Highly puncture resistant
- Thermal reliability

### Triple Lock<sup>®</sup> T/L A

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, non-toxic polyethylene 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 A 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, non-toxic polyethylene vapour barrier. This flexible acoustic aluminum duct with be listed in accordance with ULC-S110 and classified as Class 1.



Core Material:	Perforated aluminum core
Thermal Resistance:	Available: 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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