

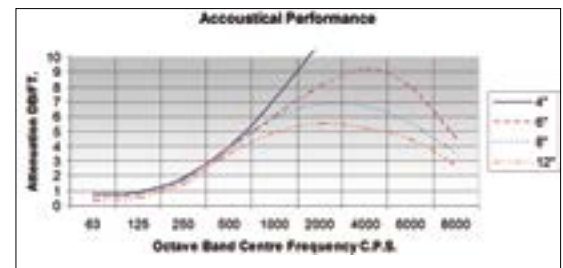
## Acoustic Flexible Ducting

### Sound Attenuator TLSA

An insulated acoustic Triple Lock® manufactured by using a dead soft perforated aluminum strip, spirally wound and mechanically joined together. The inner duct is wrapped with thick fiberglass insulation and sleeved by a Triple Lock® aluminum jacket; Triple Lock® TLSA relies on the perforated core with an open area of 20-25% to create a duct with superb acoustic qualities. The complete high pressure duct assembly is excellent for HVAC systems requiring low noise.

#### Suggested Specification

Flexible Sound Attenuator shall be Triple Lock® TLSA by Flexmaster. The core will 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 protected by a Triple Lock® aluminum outer sleeve. This flexible acoustic aluminum duct will be listed in accordance with ULC-S110 and classified as Class 1.



- Sound Attenuation for air distribution systems
- Before and after terminal box
- Connection to diffuser
- Final sound attenuation for source noise
- Transfer ducts
- Three ply mechanical airtight seam
- Manufactured from dead soft pure aluminum
- Perforated core
- ULC Listed
- Exceptional strength, lightweight
- Corrosive resistant
- Highly puncture resistant
- Acoustic and high pressure rated
- Self supporting, thermal reliability

<b>Core Material:</b>	Perforated aluminum core (min. 25%)
<b>Thermal Resistance</b>	Available: R4.2, R6, R8
<b>Maximum Rated Velocity:</b>	20.3 m/s (4000 fpm)
<b>Maximum Positive Pressure:</b>	1.5 kPa (6 in. WC)
<b>Maximum Negative Pressure:</b>	0.25 kPa (1 in. WC)
<b>Temperature Range:</b>	-40°F to +400°F (-40°C to +204°C)
<b>Bend Radius:</b>	2 - 3 x O.D.
<b>Available Sizes:</b>	4" to 22"
<b>Standard Lengths:</b>	10ft
<b>ULC Listing:</b>	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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