

# SUBMITTAL DATA

## Flexmaster U.S.A.® MGA Triple Lock

### Medical Grade Insulated Acoustical Duct



MGA TLB



MGA TLM

Flexmaster U.S.A.® MGA Acoustical Triple Lock						
HERTZ	125	250	500	1K	2K	4K
MGA TLB R6	5.1	14	20	26	22	12
MGA TLM R6	6.5	17	24	27	20	11
Noise reduction dB (6 ft length, 10" dia.)						

The Flexmaster U.S.A.® Medical Grade Acoustical Triple Lock Ductwork, starts with an all aluminum perforated flexible core, with a free open area of 20-25%. The semi rigid and lightweight air duct is manufactured by using a dead soft aluminum strip which is spirally wound, perforated and mechanically locked for strength and durability. The fiberglass blanket is totally isolated from the air stream by UL approved acoustically transparent seamless polyethylene liner. Available options of a black fire retardant polyethylene (MGA-TLB) or metallized polyester film (MGA-TLM). A minimum bend radius to center line is recommended at 1.5 diameters. End fittings can be provided to accommodate job conditions.

Technical Data	
Standard Lengths (ft)	5', 6', 7'
Inside Diameter (in)	6", 8", 10", 12", 14", 16"
Inside Bend Radius (in)	1 x I.D. (all sizes)
Air Friction Loss	See Friction Loss Chart for details
Test Standard	UL181
Tested By	Intertek/ETL
Certifications Met	Class 1 Air Duct, NFPA 90A and 90B, BOCA, SBBC, HUD/FHA, MIN Property Std.
Internal Working Pressure (w.g.)	6" w.g. positive 2" w.g. negative
Rated Velocity	5500 F.P.M.
Min Burst Pressure	15" w.g. positive
Operating Temperature Range	-40° to +250°F
Flame/Smoke	25/50
Insulation Thermal Conductance	R6
Like the UL Mark, the ETL Listed Mark shows that our product has been independently tested by a Nationally Recognized Testing Laboratory (NRTL). It shows that it has met the requirements of widely accepted product safety standards and that we have agreed to periodic follow-up inspections to verify continued compliance.	

Flexmaster U.S.A.®  
 5235 Ted Street  
 Houston, TX 77040 USA  
 Tel. +1.713.462.7694  
 Fax +1.713.939.8441  
 www.FlexmasterUSA.com  
 www.Masterduct.com

 **FLEXMASTER U.S.A.®**  
 A MASTERDUCT COMPANY