

# SUBMITTAL DATA

## Flexmaster U.S.A.® TL-B

### Triple Lock Insulated



The Flexmaster U.S.A.® Triple Lock Aluminum ducting is an all metal flexible duct that is constructed entirely without the use of adhesives. The Triple Lock mechanical joint makes an air tight seam, while the circumferential corrugations provide excellent strength and flexibility. Minimum bend radius to center line is one diameter. However, our recommended radius is 1 ½ diameters in accordance with accepted practice. Triple Lock Aluminum ducting may be easily cut to size and hand formed into elbows or offsets to suit job conditions without subsequent sagging or droop. Triple Lock has much lower pressure loss than conventional cloth ducts due to the small but consistent corrugations that provide both strength and flexibility.

Technical Data	
Standard Lengths (ft)	8 ft, Special lengths on request up to 8 ft
Inside Diameter (in)	4", 5", 6", 8", 10", 12", 14", 16", 18"
Inside Bend Radius (in)	Max. one dia.
Air Friction Loss	See Friction Loss Chart for details
Vapor Barrier Permeance	(.10) perm A.S.T.M. E96, Procedure A
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.)	10" w.g. positive thru 16" 6" w.g. positive, 18" 12" w.g. negative thru 16" dia. 4" w.g. negative, 18"
Rated Velocity	5500 F.P.M.
Min Burst Pressure	2 1/2 times working pressure
Operating Temperature Range	-40° to +250°F
Flame/Smoke	25/50
Insulation Thermal Conductance	R4.2, 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.	

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