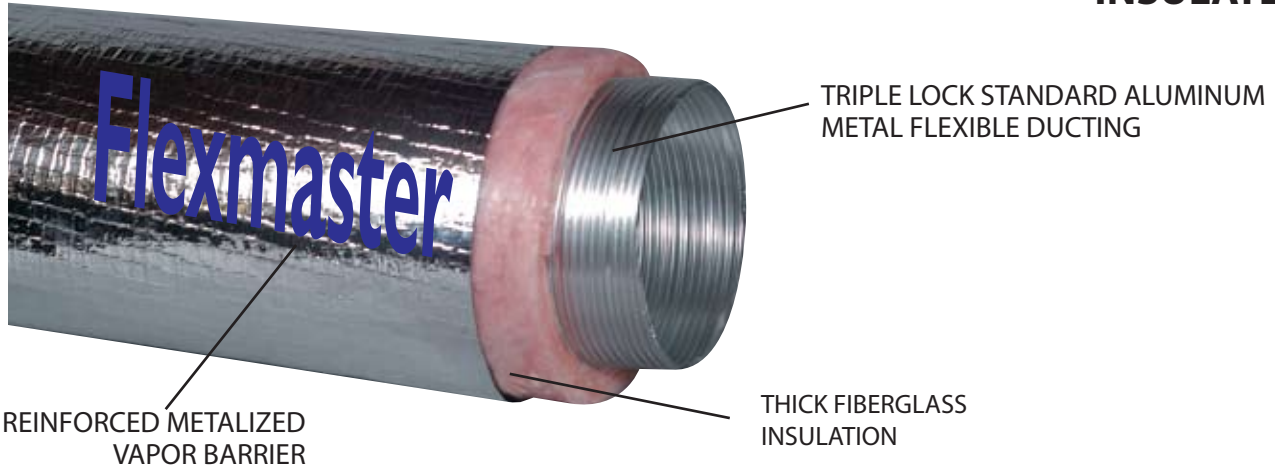




5235 Ted Street, Houston, Texas 77040,  
713 / 462-7694, Fax 713 / 939-8441

### TYPE TL-M INSULATED



### CONSTRUCTION FEATURES

Flexmaster Triple Lock Aluminum ducting is an all metal flexible duct that is constructed entirely without the use of adhesive. 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 1/2 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

<b>Standard lengths (feet)</b> .....8'; Special lengths on request	<b>Rated Velocity</b> .....5500 F.P.M.
<b>Inside Diameter (Inches)</b> .....3",4",5",6",7",8",9",10",12",14",15",16",18",20"	<b>Internal Working Pressure (W.G.)</b> .....10" w.g. positive thru 16" Dia. .....6" w.g. positive 18" & 20" Dia. .....12" w.g. negative thru 16" Dia. .....4" w.g. negative 18" & 20" Dia.
<b>Inside Bend Radius (inches)</b> .....Min. One Dia.	<b>Minimum Burst Pressure</b> .....2 1/2 times working pressure
<b>Air Friction Loss</b> .....See Friction Loss Chart	<b>Operating Temperature Range</b> .....-40° to +250°F
<b>UL Listing</b> .....UL 181 / ETL Class 1 Air Duct	<b>Flame Spread</b> .....Less than 25
<b>Vapor Barrier Permeance</b> ......05 perm A.S.T.M. .....E96-66, Procedure A	<b>Smoke Developed</b> .....Less than 50
<b>Standard, Codes</b> .....NFPA 90A and 90B .....HUD/FHA, MIN Property Std.	<b>Thermal Resistance</b> .....available: R-4.2, R-6.0, R-8.0

JOB NAME \_\_\_\_\_ LOCATION \_\_\_\_\_

ENGINEER \_\_\_\_\_ CONTRACTOR \_\_\_\_\_

JOB \_\_\_\_\_ P.O. NUMBER \_\_\_\_\_ SUBMITTED BY \_\_\_\_\_

COMMENTS \_\_\_\_\_