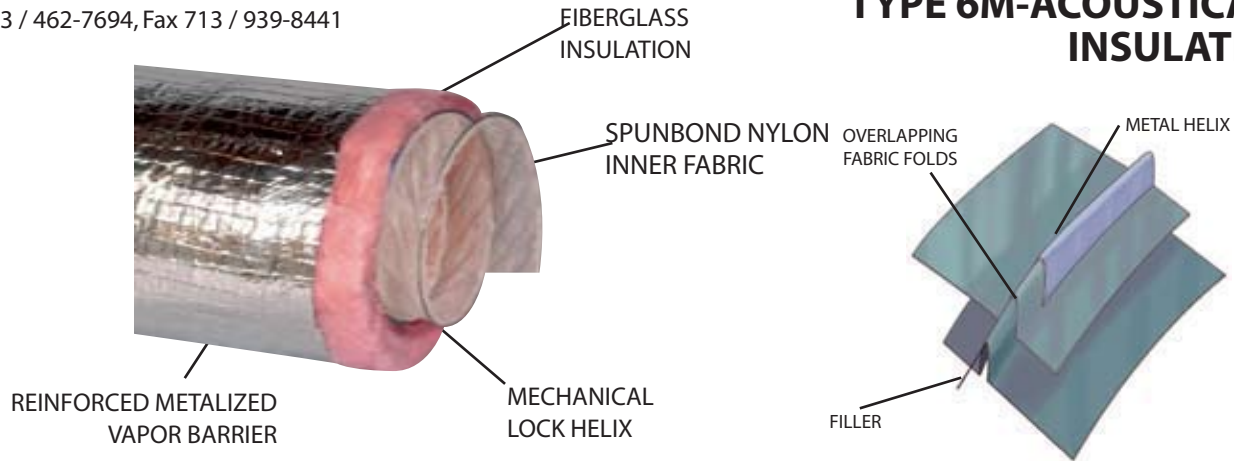




5235 Ted Street, Houston, Texas 77040,  
713 / 462-7694, Fax 713 / 939-8441

### TYPE 6M-ACOUSTICAL INSULATED



### CONSTRUCTION FEATURES

Flexmaster's **Type 6M** is manufactured to meet the highest quality standards in strength, permeability and fire resistance required in a flexible air duct. This insulated, UL-181/ETL Class I Air Duct is fabricated with an acoustically transparent SPUNBOND Nylon inner fabric which allows Broadband sound energy to penetrate the duct wall.

#### LINER

SPUNBOND Nylon Fabric.  
Mechanically Locked  
Without Adhesives.

#### VAPOR BARRIER

Fire Retardant Reinforced Aluminum Material.  
Excellent Strength at Low Temperatures.  
Will Not Age Harden.

#### HELIX

Corrosion Resistant Galvanized Steel.  
Formed and Mechanically Locked to Fabric.

#### INSULATION

Thick Fiberglass Insulation Blanket, Factory  
Wrapped.

### TECHNICAL DATA

<b>Standard lengths (feet)</b> .....25'; 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> .....6" w.g. positive 5" w.g. negative thru 16" Dia. 1" w.g. negative, 18" & 20" Dia.
<b>Inside Bend Radius (inches)</b> .....1/2 x I.D. (All Sizes)	<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> .....-20° to +250°F
<b>Vapor Barrier Permeance</b> ......05 perm A.S.T.M. E96, Procedure A	<b>Flame Spread</b> .....Less than 25
<b>UL Listing</b> .....UL 181 / ETL Class 1 Air Duct	<b>Smoke Developed</b> .....Less than 50
<b>Standard, Codes</b> .....NFPA 90A and 90B, BOCA, SBBC HUD/FHA, MIN Property Std.	<b>Thermal Conductance</b> .....available: R-4.2, R-6.0, R-8.0

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

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

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

COMMENTS \_\_\_\_\_