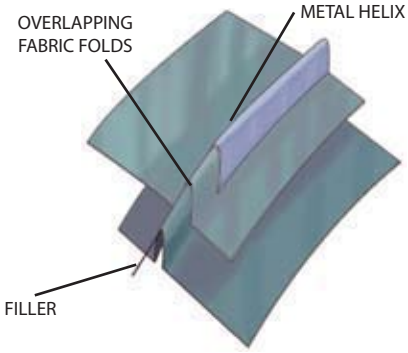
FlexmasterUSA

SUBMITTAL DATA

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

TYPE 5B-LOW PRESSURE INSULATED



CONSTRUCTION FEATURES

Flexmaster's **Type 5B** 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 Connector is designed for application in a low to medium pressure HVAC air distribution system.

LINER
A Trilaminate of Aluminum Foil, Fiberglass and Aluminized Polyester. Mechanically Locked Without Adhesives.

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

VAPOR BARRIER
Black Fire Retardant Reinforced Material. Excellent Strength at Low Temperatures. Will Not Age Harden.

INSULATION
Thick Fiberglass Insulation Blanket, Factory Wrapped.

TECHNICAL DATA

Standard lengths (feet).....25', Special lengths on request

Inside Diameter (Inches).....3",4",5",6",7,"8",9",10",12",14",15",16",18",20"

Inside Bend Radius (inches).....1/2 x I.D. (All Sizes)

Air Friction Loss.....See Friction Loss Chart

Vapor Barrier Permeance.....E96, Procedure A .1 perm A.S.T.M.

UL Listing.....UL 181 / ETL Class 1 Air Duct

Standard, Codes.....HUD/FHA, MIN Property Std. NFPA 90A and 90B, BOCA, SBBC

Rated Velocity......5500 F.P.M.

Internal Working Pressure (W.G.)..... 10" w.g. positive
10" w.g. negative thru 12" Dia.
5" w.g. negative, 14" & 16" Dia.
1" w.g. negative, 18" & 20" Dia.

Minimum Burst Pressure.....2 1/2 times working pressure

Operating Temperature Range.....-20° to +250°F

Flame Spread.....Less.than 25

Smoke Developed.....Less.than 50

Thermal Conductance.....available: R-4.2, R-6.0, R-8.0

JOB NAME_____ LOCATION_____

ENGINEER_____ CONTRACTOR_____

JOB_____ P.O. NUMBER_____ SUBMITTED BY_____

COMMENTS_____

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PATENT PENDING