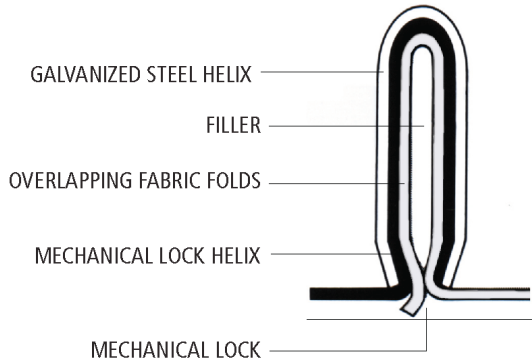


Submittal Data

Type 3M Fabri-Flex Type 3 Insulated



Construction Features

Buckley's Type 3M is manufactured to meet the highest quality standards in strength, permeability and fire resistance required in a flexible air duct. This insulated, UL-181 Class 1 Air Duct is designed for application in a low to high pressure HVAC air distribution system.

Liner

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

Technical Data

Standard Lengths (Feet).....25'
 Inside Diameter (Inches).....5"-14"
 Inside Bend Radius (Inches).....1/2 x I.D. (All Sizes)
 Air Friction Loss Vapor Barrier....See Friction Loss Chart
 .05 Perm per A.S.T.M.
 Permeance.....E96, Procedure A
 UL Listing Standards.....UL 181, Class 1 Air Duct
 NFPA 90A AND 90B, BOCA, ICBO, SBBC
 Codes.....HUD/FHA MIN. Property Std.
 Rated Velocity (F.P.M.).....5500 F.P.M.
 Internal Working Pressure (W.G.).....20" w.g. positive
 10" w.g. negative, thru 12" dia.
 5" w.g. negative, 10" dia.
 1" w.g. negative, 18" 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.....Sizes 5" - 14"
 Fiberglass Insulation.....Owens Corning
 Greenguard Gold
 R-Value.....6.0

Outer Jacket

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

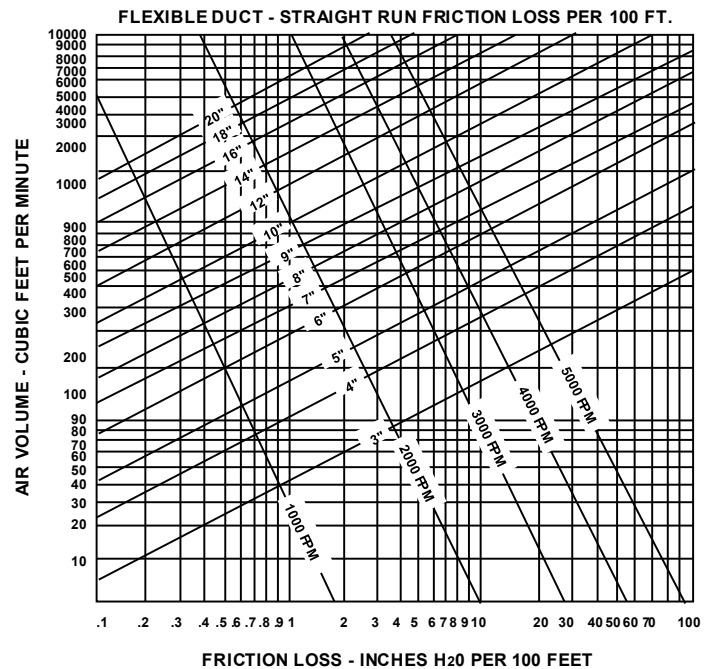
Insulation

Thick Fiberglass Insulation Blanket, Factory Wrapped.

Helix

Corrosive Resistant Galvanized Steel, Formed and Mechanically Locked to Fabric. Supporting Outside Metal Helix, Retains Flexibility.

Friction Loss Chart



Buckley Associates, Inc.

Manufactured by Buckley Associates, Inc, Hanover, Massachusetts
 Sheet Metal Union Local 17.



Buckley Flexible Duct Type 3M
 March 2019

