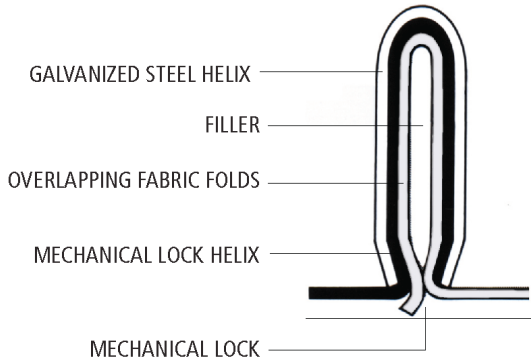


Submittal Data

Type 3P Fabri-Flex Type 3 Insulated



Construction Features

Buckley's Type 3P 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).....	3", 4", 5", 6", 7", 8", 9", 10" 12", 14", 16", 18", 20", 24"
Inside Bend Radius (Inches).....	1/2 x I.D. (All Sizes)
Air Friction Loss Vapor Barrier.....	See Friction Loss Chart .01 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.).....	12" w.g. positive 10" w.g. negative, 3" thru 12" dia. 5" w.g. negative, 14" & 16" 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.....	C Factor, not more than .23
Fiberglass Insulation.....	Owens Corning Greenguard Gold
R-Value.....	6.0

Outer Jacket

Black Fire Retardant Polyethylene Material, Excellent Strength at Low Temperatures. Will Not Age Harden.

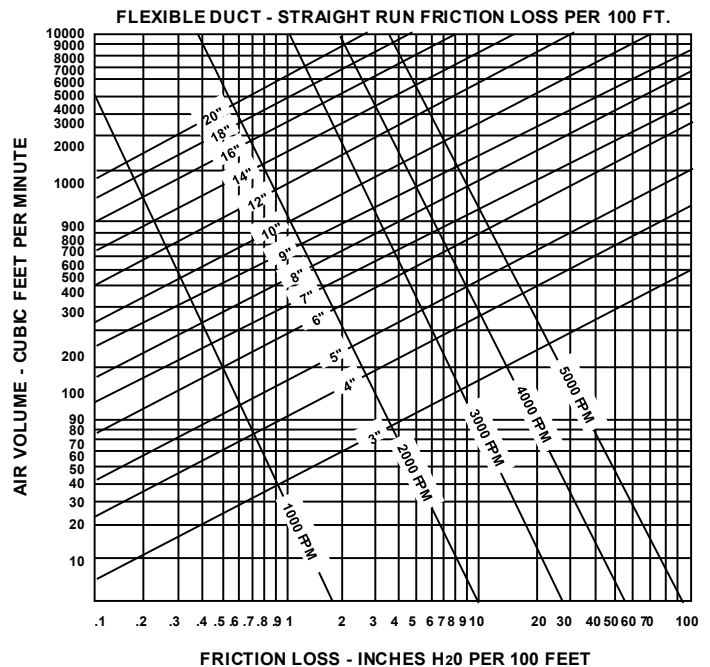
Insulation

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 3P
March 2019

