

Submittal Data

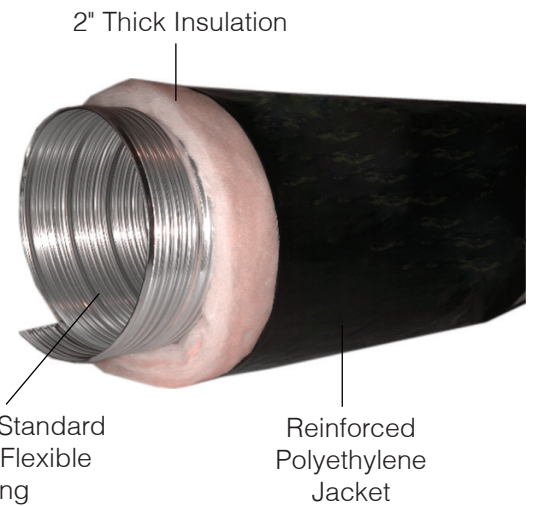
Triple Lock Buct Duct Insulated High Pressure, Polyethylene Jacket

Construction Features

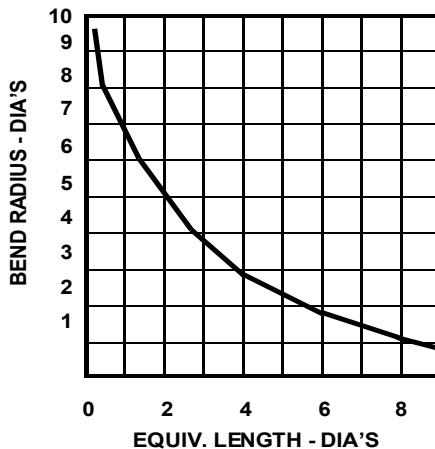
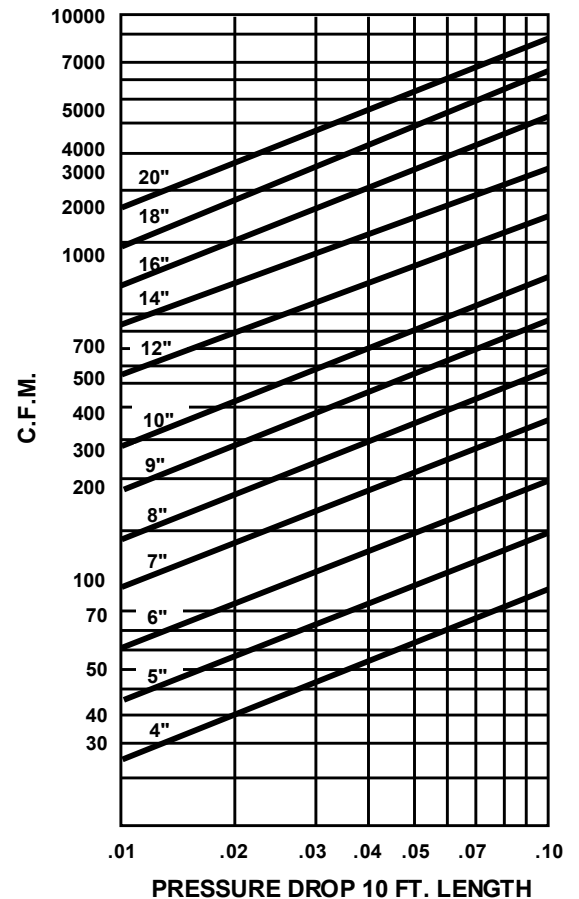
Buckley's Buct Duct Triple Lock ducting is an all metal flexible duct that is constructed entirely without the use of adhesive. The Triple Lock mechanical joint makes an air-tight seam, while the circumferential corrugations provide excellent strength and flexibility. Minimum bend radius to center line is one diameter. However, our recommended radius is 1½ 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 small but consistent corrugations that provide both strength and flexibility.

Technical Data

Standard Lengths (Feet).....10'
 Special Lengths Upon Request
 Inside Diameter (Inches).....4"-10", 12"
 14", 16", 18", 20"
 Inside Bend Radius (Inches).....Min. 1 Diameter
 Air Friction Loss.....See Friction Loss Chart
 Vapor Barrier Permeance......1 Perm per A.S.T.M
 E-96-66, Procedure A
 UL ListingUL 181, Class 1 Air Duct
 Standards.....NFPA 90 A AND 90B
 Codes.....HUD/FHA MIN. Property Std.
 Rated Velocity (F.P.M.)......5500 F.P.M.
 Internal Working Pressure (W.G.).....
 12" w.g. positive (all dia.)
 12" w.g. negative, 3 thru 16" dia.
 8" w.g. negative, 18" & 20" dia.
 Minimum Burst Pressure.....2½ times working pressure
 Operating Temperature Range.....-40° to +250° F
 Flame Spread.....15 20
 Smoke Developed.....10 25
 Thermal Conductance.....C Factor, Not more than .23
 R- Value.....6.0



Friction Loss Chart



Buckley Associates, Inc.

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



Buct Duct BDIP
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