

# Submittal Data

## Model BDIM Insulated Triple Lock Buck Duct

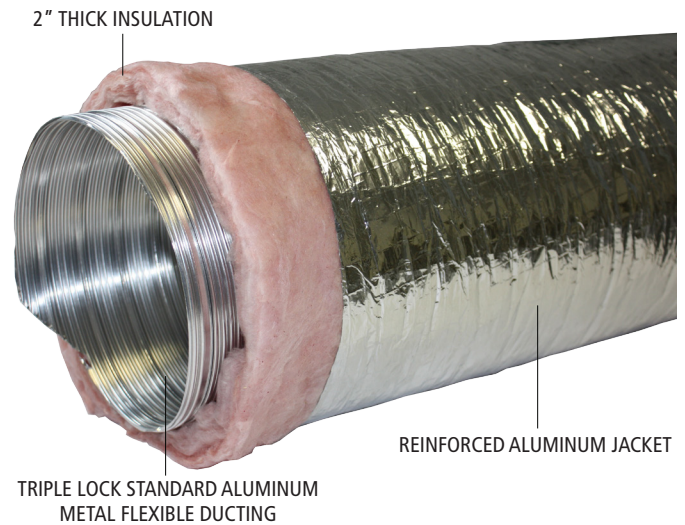
### Construction Features

Buckley Triple Lock Aluminum Buck Duct 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 1 1/2 diameters in accordance with accepted practice. Buck Duct 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 the small but consistent corrugations that provide both strength and flexibility.

**LINER & HELIX:** An all metal flexible duct that is constructed entirely without the use of adhesive, making an air tight seam

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

**INSULATION:** Thick Fiberglass Insulation Blanket, Factory Wrapped.



### Technical Data

Standard Length (feet).....	10'	Rated Velocity (fpm).....	5500 FPM
Inside Diameter (inches).....	5" through 10",12",14"	Internal Working	10" w.g. positive through 14" dia.
Inside Bend Radius (inches).....	Minimum 1 Diameter	Pressure (W.G.).....	12" w.g. negative through 14" dia.
Air Friction Loss.....	See Friction Loss Chart	Minimum Burst Pressure .....	2½ times working pressure
	.1 perm per A.S.T.M E96-66,	Operating Temperature Range.....	-40° to +250° F
Vapor Barrier Permeance.....	Procedure A	Flame Spread.....	Less than 25
UL Listing.....	UL 181, Class 1 Air Duct	Smoke Developed.....	Less than 50
	NFPA 90A AND 90B,	Thermal Conductance.....	R-6.0
Standard, Codes.....	HUD/FHA MIN. Property Std.		

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

