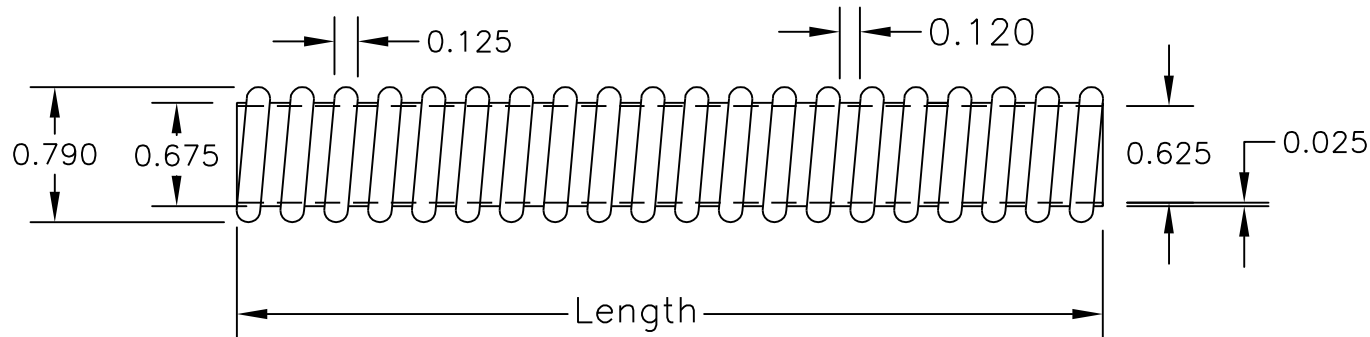


Installation Procedures:

1. Place the end of ducting over port on blower.
2. Route to port to the electronics equipment needing air flow cooling.
3. Hose may be cut to length.
4. Secure ducting with tie rapps or aero-clamp.
5. Insure ducting is routed clear of all aircraft control devices.



A. Each lot of ducting material purchased must be burn tested in accordance with FAR 23.853.

B. The part number and length of ducting i.e. 12, 24, 48 or (feet) will be added within the parenthesis after part number.

C. The new part number LS03-04001-(feet) is for the PVC material, i.e. (PVC) Ducting material with an ISD of (.625).

D. Ducting design with smooth interior for Avonics equipment cooling by low pressure airflow movement.

- E. Specifications:
1. Temperature: (-35 F) TO 160F degrees.
 2. Flame Retardant: UL94 V-0 specifications.
 3. Self Extinguishing: Material, (PVC) ASTM -D635
 4. Shore Durometer: D 89, ASTM D 2240
 5. Yield Strength: 12,800 psi ASTM D790
 6. Application: Air flow low (pos) pressure
 7. Color: Black
 8. Re-enforcement: PVC helix, crush resistant
 9. Weight: Extremely lightweight and flexible

REVISION BLOCK

REV	ECN #	ZONE	DESCRIPTION OF CHANGE(s)	DATE	APPROVED
REV-0	n/a	n/a	INITIAL RELEASE	9-13-13	JRM

ITEM #	QTY.	PART NO.	DESCRIPTION
UNLESS NOTED OTHERWISE TOLERANCE BLOCK: DIMENSIONS ARE IN INCHES DECIMALS ±1° ANGULAR XX ±.030 XXX ±.015 XXXX ±.0005 DO NOT SCALE DRAWING			PROPRIETARY THIS DOCUMENT AND THE DATA DISCLOSED HEREWITH IS NOT TO BE REPRODUCED, USED, OR DISCLOSED IN WHOLE OR IN PART TO ANYONE WITHOUT WRITTEN AUTHORIZATION FROM LONE STAR AVIATION, INC
			TITLE DUCTING – Poly Vinyl Choride/Flame Retardant
APPROVALS		DATE	
DRAWN BY JRM		8-6-13	
APPROVED BY JRM		9-13-13	
NEXT ASSY.			
MATERIAL	Poly vinyl Choride		
FINISH	NOTE 1		
SIZE		DRAWING NO.	REV
A		LS03-04001-01	0
SCALE		COMP. FILE	SHEET 1 OF 1
NONE			

DWG. NO. LS03-04001-01
SH. 1 of 1
REV. REV-0

A