



**FEATURES**

- Two tough plies consisting of a layer of metalized polyester and a layer of clear polyester encapsulating a steel wire helix creating a high strength and durable product.
- Rated pressures (UL-181): 16 in. W.C. positive, 1 in. W.C. negative ( $\leq 12''\varnothing$ ) & 1/2" W.C. negative ( $> 12''\varnothing$ ).
- Recommended maximum operating pressures (ADC Test FD 72-R1):  
6 in. w.g. positive for 12 in. diameter and under.  
4 in. w.g. positive for 14 in. diameter and over.
- Rated maximum air velocity: 6000 FPM.

**SURFACE BURNING CHARACTERISTICS**

- Flame Spread: Less than 25
- Smoke Developed: Less than 50

**OPERATING TEMPERATURE RANGE**

- -20°F to 140°F Continuous
- -20°F to 250°F Intermittent

**SIZE AVAILABILITY**

- Standard length: 25 feet
- Diameters offered: 3"– 10", 12", 14", 16", 18" & 20"
- Plain ends

**APPROVALS**

- UL-181 (UL, CUL LISTED)
- NFPA 90A & 90B
- Most Federal, State, and Local Codes and Standards.

JOB NAME: _____	SUBMITTED BY: _____	DATE: 2/23/09	SD-5019
LOCATION: _____		<b>F090</b>	
ARCHITECT: _____		Flexible Air Connector	
ENGINEER: _____		Class 1, Uninsulated	
CONTRACTOR: _____		Two Ply Metalized Polyester/ Polyester Core	