



**CORE**

- Sturdy corrugated aluminum construction
- Rated pressures per UL-181 and recommended maximum operating pressures:
- 12 in. W.C. positive for sizes up to 10 in.
- 8 in. W.C. positive for sizes 12 in. and larger
- 3 in. W.C. negative for all sizes
- Rated maximum air velocity: 5000 FPM.

**THERMAL CHARACTERISTICS**

- R-6.0 formaldehyde free insulation certified by UL and the Air Diffusion Council in accordance with ADC Flexible Duct Performance and Installation Standards using ASTM C-518 at installed wall thickness on flat insulation only.

**VAPOR BARRIER**

- This metalized vapor barrier is constructed using fiberglass scrim which provides an outstanding combination of strength and tear resistance.
- Perm rating of 0.04 perms when measured per ASTM E96, Method A.

**SURFACE BURNING CHARACTERISTICS**

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

**OPERATING TEMPERATURE RANGE**

- -100°F to 400°F Continuous

**SIZE AVAILABILITY**

- Standard lengths: 6, 7-1/2 feet
- Diameters offered: 4"\*, 5", 6", 7", 8", 9", 10", 12", 14", 16", 18" & 20"
- Includes Male / Female Collars

**APPROVALS**

- UL listed class 1 air duct to UL 181 (\*4" size is not UL listed)
- NFPA 90A & 90B
- HUD
- California Bureau of Home Furnishings
- Most Federal, State, and Local Codes and Standards.

JOB NAME: _____	SUBMITTED BY: _____	DATE: 8/17/09	SD-5040
LOCATION: _____		<b>F246</b> Insulated Flexible Air Duct Class 1, R-6.0 Corrugated Aluminum Core Metalized Vapor Barrier	
ARCHITECT: _____			
ENGINEER: _____			
CONTRACTOR: _____			