



### 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-4.2 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

- A durable black polyethylene vapor barrier
- Perm rating of 0.1 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", 22"\* & 24"\*
- Includes Male / Female Collars

### APPROVALS

- UL listed class 1 air duct to UL 181 (\*These sizes are 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: 8/13/09	SD-5027
LOCATION: _____		<b>F144</b> Insulated Flexible Air Duct Class 1, R-4.2 Corrugated Aluminum Core Polyethylene Vapor Barrier	
ARCHITECT: _____			
ENGINEER: _____			
CONTRACTOR: _____			