



CORE

- Sturdy corrugated aluminum construction
- Rated pressures per UL-181 and recommended maximum operating pressures:
- 3000 Pa. positive for sizes up to 254 mm
- 2000 Pa. positive for sizes 305mm and larger
- 750 Pa. negative for all sizes
- Rated maximum air velocity: 25.4 m/s.

THERMAL CHARACTERISTICS

- R-1.06 m² · °C/W 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 5.7 ng/(s · m² · Pa.) when measured per ASTM E96, Method A.

SURFACE BURNING CHARACTERISTICS

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

OPERATING TEMPERATURE RANGE

- -38°C to 204°C Continuous

SIZE AVAILABILITY

- Standard lengths: 1.8 & 2.3 m
- Diameters offered: 102*, 127, 152, 178, 203, 229, 254, 305, 356, 406, 457 & 508 mm
- Includes Male / Female Collars

APPROVALS

- UL listed class 1 air duct to UL 181 (*102 mm 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-5033m
LOCATION: _____		F146 Insulated Flexible Air Duct Class 1, R-1.06 m ² · °C/W Corrugated Aluminum Core Polyethylene Vapor Barrier	
ARCHITECT: _____			
ENGINEER: _____			
CONTRACTOR: _____			