



CORE

- Two tough plies of black polyester film encapsulate a steel wire helix.
- Rated pressures per UL-181: 2500 Pa. positive, 125 Pa. negative.
- Recommended maximum operating pressures:
1500 Pa. positive for 305 mm diameter and under.
1000 Pa. positive for 355 mm diameter and over.
- Rated maximum air velocity: 20.3 m/s.

THERMAL CHARACTERISTICS

- R-1.41 m² · °C/W certified by Underwriters Laboratories Inc. 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 provides improved protection against ultra violet light.
- 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

- -7°C to 60°C Continuous
- -7°C to 121°C Intermittent

SIZE AVAILABILITY

- Standard length: 7.6 m
- Diameters offered: 102, 127, 152, 178, 203, 229, 254, 305, 356 & 406 mm
- Plain ends
- A118 - Packaged in boxes

APPROVALS

- UL-181 (UL LISTED)
- NFPA 90A & 90B
- HUD
- City of Los Angeles
- California Bureau of Home Furnishings
- Most Federal, State, and Local Codes and Standards.

JOB NAME: _____	SUBMITTED BY: _____	DATE: 10/3/07	SD-5038m
LOCATION: _____		A118 Insulated Flexible Air Duct Class 1, R-1.41 m ² · °C/W Polyester Core Polyethylene Vapor Barrier	
ARCHITECT: _____			
ENGINEER: _____			
CONTRACTOR: _____			