



CORE

- 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 per UL-181: 4000 Pa. positive, 250 Pa. negative (≤ 305 mm \varnothing) & 125 Pa. negative (> 305 mm \varnothing).
- Recommended maximum operating pressures (ADC Test FD 72-R1):
1500 Pa. positive for 305 mm diameter and under.
1000 Pa. positive for 355 mm diameter and over.
- Rated maximum air velocity: 30.5 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

- This metalized vapor barrier is constructed using fiberglass scrim which provides an outstanding combination of strength and tear resistance.
- Perm rating of 2.3 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, 457 & 508 mm
- Plain ends

APPROVALS

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



JOB NAME: _____	SUBMITTED BY: _____	DATE: 11/9/09	SD-5042m
LOCATION: _____		F298, FB298 Insulated Flexible Air Duct, Class 1 R-1.41 m ² · °C/W, Two Ply Metalized Polyester/Polyester Core Metalized Vapor Barrier	
ARCHITECT: _____			
ENGINEER: _____			
CONTRACTOR: _____			