



CORE

- Two tough plies of black polyester film encapsulate a steel wire helix.
- Rated pressures per UL-181: 10 in. W.C. positive, 1/2 in. W.C. negative.
- Recommended maximum operating pressures:
6 in. W.C. positive for 12 in. diameter and under.
4 in. W.C. positive for 14 in. diameter and over.
- Rated maximum air velocity: 4000 FPM.

THERMAL CHARACTERISTICS

- R-8.0 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 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

- -20°F to 140°F Continuous
- -20°F to 250°F Intermittent

SIZE AVAILABILITY

- Standard length: 25 feet
- Diameters offered: 4" - 10", 12", 14", 16" & 18"
- Plain ends
- A218 - 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: _____ LOCATION: _____ ARCHITECT: _____ ENGINEER: _____ CONTRACTOR: _____	SUBMITTED BY: _____ 	DATE: 10/3/07	SD-5039 A218 Insulated Flexible Air Duct Class 1, R-8.0 Polyester Core Metalized Vapor Barrier
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