



**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-4.2 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.
- High tensile multi-directional fiberglass scrim is used under the vapor barrier to provide additional strength and tear resistance.
- 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**

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

**SIZE AVAILABILITY**

- Standard length: 25 feet
- Diameters offered: 3"- 10", 12", 14", 16", 18" & 20"
- A114 - Packaged in boxes
- AB114 - Packaged in bags

**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-5034  <b>A114, AB114</b> Insulated Flexible Air Duct Class 1, R-4.2 Polyester Core Polyethylene Vapor Barrier
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