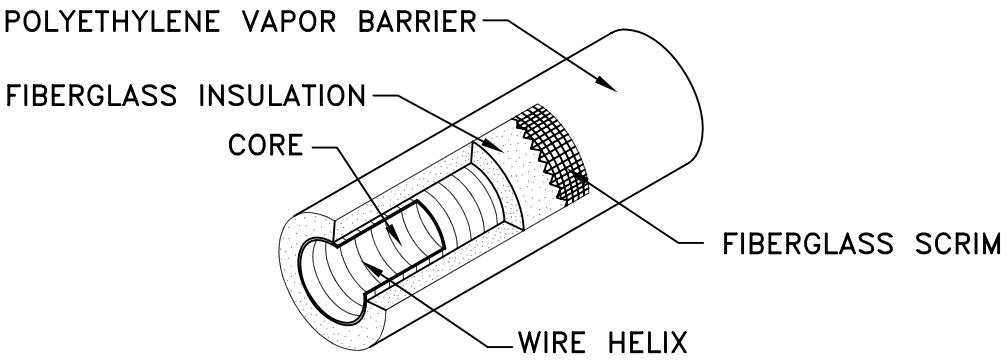
Hart&Cooley
install confidence

SUBMITTAL DRAWING



CORE
- Two plies of black polyester film encapsulate a steel wire helix.
- Rated pressures per UL–181: 3000 Pa. positive, 200 Pa. negative (<=305 mmø) & 125 Pa. negative (>305 mmø).
- 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: 25.4 m/s.

THERMAL CHARACTERISTICS
- R–0.74 $m^2 \cdot °C/W$ 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 heavy duty 0.1 mm black polyethylene vapor barrier provides outstanding protection for either indoor or sheltered outdoor applications.
- High tensile multi–directional fiberglass scrim is used under the vapor barrier to provide additional strength and tear resistance.
- Perm rating of 5.7 $ng/(s \cdot m^2 \cdot Pa.)$ 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: 152, 203, 254, 305, 356 mm
- Plain ends

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

JOB NAME: _____ LOCATION: _____ ARCHITECT: _____ ENGINEER: _____ CONTRACTOR: _____	SUBMITTED BY:	DATE: 8/12/09	SD–5008m
		F314 (Mobile Home) Insulated Flexible Air Duct Class 1, R–0.74 $m^2 \cdot °C/W$ Polyester Core Polyethylene Vapor Barrier	

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