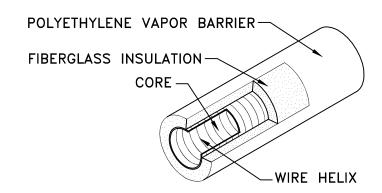


SUBMITTAL DRAWING



CORE

- •Two plies of black polyester film encapsulate a steel wire helix.
- •Rated pressures (UL-181): 12 in. W.C. positive, 3/4 in. W.C. negative (<=12"ø) & 1/2" W.C. negative (>12"ø).
- •Recommended maximum operating pressures (ADC Test FD 72-R1):
- 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: 5000 FPM.

THERMAL CHARACTERISTICS

•R-8.0 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 durable black polyethylene vapor barrier
- •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: 4"- 10", 12", 14", 16" & 18"
- ·Plain ends
- •F118 is boxed and FB118 is bagged

APPROVALS/COMPLIANCE

- UL-181 (UL LISTED)
- •NFPA 90A & 90B
- · HUD, IMC, UMC
- ·California Bureau of Home Furnishings
- *Most Federal, State, and Local Codes and Standards.
- GREENGUARD Children & Schools
- •GREENGUARD Level 4 "Highly Microbial Resistant" Rated
- · CHPS
- ·American Schools & Hospital Facilities Product Directory

JOB NAME:	SUBMITTED BY:	DATE: 7/17/2014	SD-5013
LOCATION:		F118, FB118	
ARCHITECT:		Insulatéd Flexible Air Duct	
ENGINEER:		Class 1, R—8.0 Polyester Core	
CONTRACTOR:		Polyethylene Va	ıpor Barrier