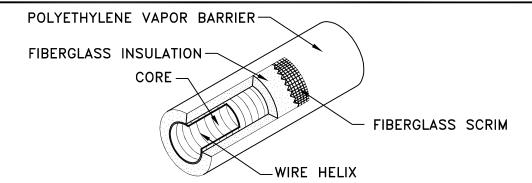


SUBMITTAL DRAWING



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-4.2 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

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"

- Packaged in boxes

•FB114 - Packaged in bags

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-5001
LOCATION:		F114,FB114	
ARCHITECT:			l Flexible Air Duct
ENGINEER:		Class 1, R—4.2 Polyester Core	
CONTRACTOR:		Polyethylene Vo	por Barrier