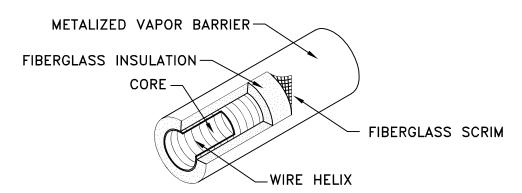


SUBMITTAL DRAWING



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"\$\psi\$) & 1/2" W.C. negative (>12"\$\psi\$).
- •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

- •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" & 20"
- ·Plain ends
- •F214 Packaged in boxes
- •FB214 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-5002
LOCATION:		F214,FB214	
ARCHITECT:		Insulated Flexible Air Duct	
ENGINEER:	Class 1, R-4.2 Polyester Core		
CONTRACTOR:		Metalized Vapo	r Barrier