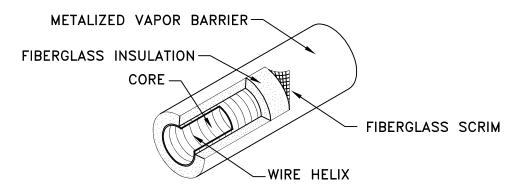


# SUBMITTAL DRAWING



# 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**

- •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"
- •F218 is boxed and FB218 is bagged
- Plain ends

# 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-5014
LOCATION:		F218, FB218	
ARCHITECT:		Insulatéd Flexib	
ENGINEER:		Class 1, R-8.0 Polyester Core	
CONTRACTOR:		Meťalized Vapo	r Barrier