



CORE

- Two plies of black polyester film encapsulate a steel wire helix.
- Rated pressures (UL-181): 10 in. W.C. positive, 1/2 in. W.C. negative
- 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: 4000 FPM.

THERMAL CHARACTERISTICS

- R-6.0 formaldehyde free insulation certified by UL and the Air Duct 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

- Grey, two-ply polyester vapor barrier constructed using fiberglass scrim which provides an outstanding combination of strength and tear resistance.
- Perm rating of 0.6 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
- F116 - Packaged in boxes
- FB116 - 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: 2/01/2023	SD-5011
LOCATION: _____	ARCHITECT: _____	ENGINEER: _____	CONTRACTOR: _____
			F116, FB116 Insulated Flexible Air Duct Class 1, R-6.0 Polyester Core Polyester Vapor Barrier