
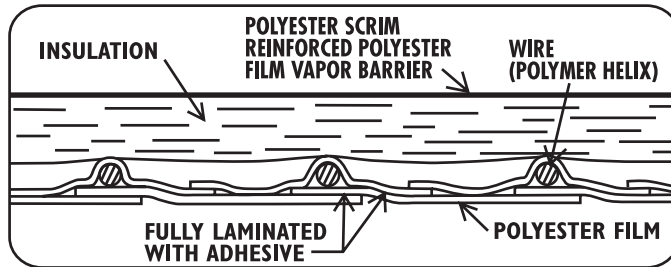




SUBMITTAL SHEET for Flexible Duct

PHD Insulated Flexible Air Duct for Environmental Air Handling Systems

CODES/STANDARDS	Listed and labeled by Underwriters' Laboratories, Inc., as a Class I Air Duct, Standard 181. It complies with the latest NFPA Bulletins 90A and 90B. Meets FHA and other U.S. government agency standards. Flame spread: not over 25. Smoke developed: not over 50.
FABRIC TYPE	Polyester Film.
INSULATION	R-8.0 = 2.25", .74 lb./ft ³ minimum density fiberglass blanket.
EXTERIOR FACING AND VAPOR BARRIER	Polyester scrim reinforced, polyester film vapor barrier. Flame resistant.
THERMAL PERFORMANCE R-VALUE	 ALSO CLASSIFIED BY UNDERWRITERS LABORATORIES, INC.® IN ACCORDANCE WITH ADC FLEXIBLE DUCT PERFORMANCE AND INSTALLATION STANDARDS (1991) USING ASTM C-518 (1991) AT INSTALLED WALL THICKNESS ON FLAT INSULATION ONLY R-8.0
VAPOR BARRIER PERMEANCE	.05 Perm per ASTM. Method E96, Procedure A.
TEMPERATURE RANGE	- 20° F to 250° F. (Per UL 181 Test Method)
SIZES, ID	4 5 6 7 8 9 10 12
LENGTH (feet)	15 ft.
INSIDE BEND RADIUS (inches)	4 5 6 7 8 9 10 12
WIRE	Engineered Polymer wire helix
RATED VELOCITY	5000 fpm.
MAX RATED PRESSURE (inches water column)	POSITIVE 10 inches (4-12 in. dia.)
	NEGATIVE 1/2 inch (4-12 in. dia.)



JOB _____	
LOCATION _____	P.O. NO. _____
ENGINEER _____	JOB NO. _____
CONTRACTOR _____	REPRESENTATIVE _____
Certified Correct	Approved for Construction
BY _____	BY _____
TITLE _____	TITLE _____
DATE _____	DATE _____

THERMAFLEX® A Division of Flex-Tek Group, a subsidiary of Smiths Group plc.

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