
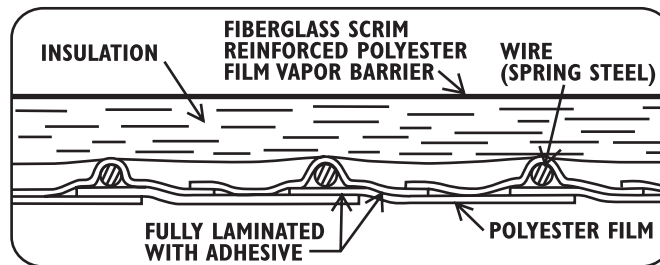




SUBMITTAL SHEET
for Flexible Duct

KM 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	1 1/2", .76 lb. minimum density fiberglass blanket. R-6.0 → 2", .76 lb. minimum density fiberglass blanket.
EXTERIOR FACING AND VAPOR BARRIER	Fiberglass scrim reinforced, metallized 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-4.2/R-6.0
VAPOR BARRIER PERMEANCE	.05 Perm per ASTM. Method E96, Procedure A.
TEMPERATURE RANGE	- 20° F to 250° F.
SIZES, ID	4 5 6 7 8 9 10 12 14 16 18 20
LENGTH (feet)	25 ft.
INSIDE BEND RADIUS (inches)	4 5 6 7 8 9 10 12 14 16 18 20
STEEL WIRE	Corrosion resistant coated wire helix.
RATED VELOCITY	5000 fpm.
MAX RATED PRESSURE	4" - 16" — 10" w.g., POSITIVE 18" - 20" — 6" w.g., POSITIVE 4" - 12" DIA — 1" w.g., NEGATIVE 14" - 20" DIA — 1/2" w.g., NEGATIVE



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

THERMAFLEX® – A Division of Flexible Technologies, Inc., a subsidiary of Smiths Group plc.

Customer Service Departments:
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 • 9101 Perkins St. • Pico Rivera, CA 90660 • 562-801-1634

