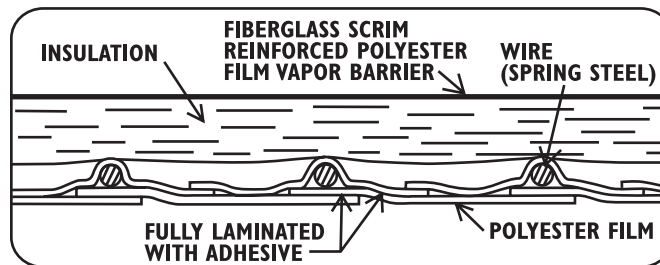




SUBMITTAL SHEET for Flexible Duct

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 UL C110 for Canada and 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-4.2 R-6.0		1 1/2", .76 lb. minimum density fiberglass blanket. 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 _____
 LOCATION _____
 ENGINEER _____
 CONTRACTOR _____

Certified Correct

P.O. NO. _____
 JOB NO. _____
 REPRESENTATIVE _____

Approved for Construction

BY _____
 TITLE _____
 DATE _____

BY _____
 TITLE _____
 DATE _____

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

Customer Service Departments:

• 528 Carwellyn Rd. • Abbeville, SC 29620 • 864-459-5441
 • 9101 Perkins St. • Pico Rivera, CA 90660 • 562-801-1634

