
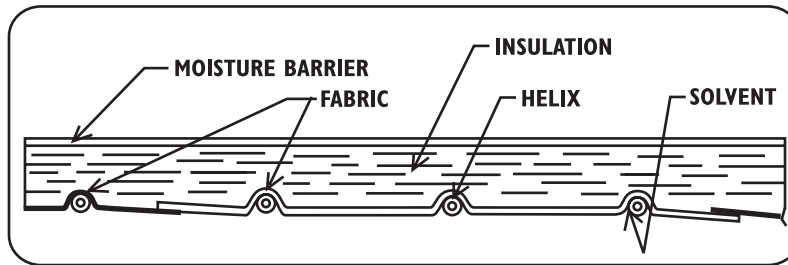




SUBMITTAL SHEET for Flexible Duct

M-KE 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		Acoustically rated black CPE material.											
INSULATION		R-4.2	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 aluminized polyester film vapor barrier.											
THERMAL PERFORMANCE R-VALUE		 <div style="border: 1px solid black; padding: 2px; font-size: 8px;"> 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 </div>											
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		Coated spring steel wire helix.											
RATED VELOCITY		5000 fpm.											
MAX RATED PRESSURE (inches water column)		POSITIVE		10 inches (4-12 in. dia.) 6 inches (14-16 in. dia.) 4 inches (18-20 in. dia.)									
		NEGATIVE		1 inch (4-12 in. dia.) 1.2 inch (14-20 in. dia.)									



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

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
 • 1040A Jayson Court • Mississauga, Ontario L4W 2V5 • 905-602-9660

