
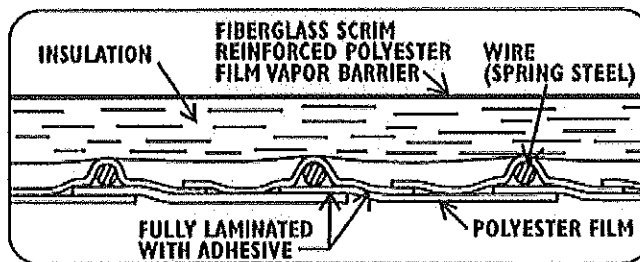


Flex-Vent

SUBMITTAL SHEET for Flexible Duct

KPE 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-4.2	1 1/2", .76 lb. minimum density fiberglass blanket.										
	R-6.0	2", .76 lb. minimum density fiberglass blanket.										
	R-8.0	2.25", .75lb. minimum density fiberglass blanket.										
EXTERIOR FACING AND VAPOR BARRIER	Fiberglass scrim reinforced, gray-colored polyester film vapor barrier. Flame resistant.											
THERMAL PERFORMANCE R-VALUE	 <div style="border: 1px solid black; padding: 2px; display: inline-block;"> <small>ALSO CLASSIFIED BY UNDERWRITERS LABORATORIES, INC. IN ACCORDANCE WITH ADC FLEXIBLE DUCT PERFORMANCE AND INSTALLATION STANDARDS (1991) USING ASTM C-510 (1991) AT INSTALLED WALL THICKNESS ON FLAT INSULATION ONLY</small> R-4.2/R-6.0/R-8.0 </div>											
VAPOR BARRIER PERMEANCE	.1 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 _____	P.O. NO. _____ JOB NO. _____ REPRESENTATIVE _____
Certified Correct	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

