


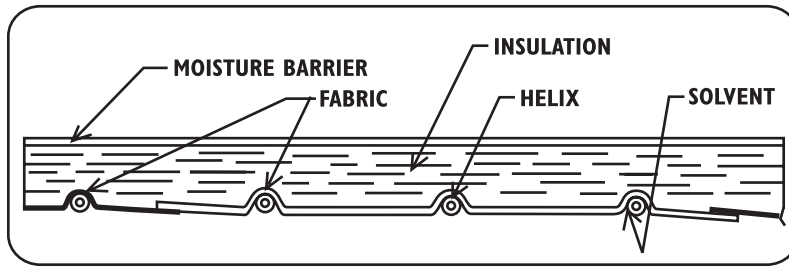


M-KE R-6

**SUBMITTAL SHEET**  
for Flexible Duct

**M-KE** Insulated Flexible Air Duct for  
Environmental Air Handling Systems

<b>CODES/STANDARDS</b>		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.
<b>FABRIC TYPE</b>		Acoustically rated black CPE material.
<b>INSULATION</b>		<del>R-4.2 1 1/2", .76 lb. minimum density fiberglass blanket.</del> → R-6.0 2", .76 lb. minimum density fiberglass blanket.
<b>EXTERIOR FACING AND VAPOR BARRIER</b>		Fiberglass scrim reinforced aluminized polyester film vapor barrier.
<b>THERMAL PERFORMANCE R-VALUE</b>		 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 <b>R-4.2/R-6.0</b>
<b>VAPOR BARRIER PERMEANCE</b>		.05 Perm per ASTM. Method E96, Procedure A.
<b>TEMPERATURE RANGE</b>		- 20° F to 250° F.
<b>SIZES, ID</b>		<del>4</del> <del>5</del> 6 <del>7</del> 8 <del>9</del> 10 12 14 16 <del>18</del> <del>20</del>
<b>LENGTH (feet)</b>		25 ft.
<b>INSIDE BEND RADIUS (inches)</b>		<del>4</del> <del>5</del> 6 <del>7</del> 8 <del>9</del> 10 12 14 16 <del>18</del> <del>20</del>
<b>STEEL WIRE</b>		Coated spring steel wire helix.
<b>RATED VELOCITY</b>		5000 fpm.
<b>MAX RATED PRESSURE (inches water column)</b>	<b>POSITIVE</b>	10 inches (4-12 in. dia.) 6 inches (14-16 in. dia.) 4 inches (18-20 in. dia.)
	<b>NEGATIVE</b>	1 inch (4-12 in. dia.) 1.2 inch (14-20 in. dia.)



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

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

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