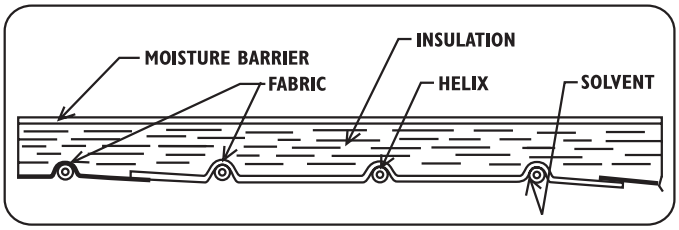
M-KE Submittal Sheet for Acoustical Flexible Air Duct

Insulated Flexible Air Duct for Pressure Cooling Systems

Thermaflex®

CODES/STANDARDS	Listed and labeled by Underwriters' Laboratories, Inc., as a Class 1 Air Duct, Standard 181 and CUL SIIO. 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 resilient calendered film material											
INSULATION	1¼", .76 lb. minimum density fiberglass blanket 2", .71 lb. minimum density fiberglass blanket 2¼", .76 lb. minimum density fiberglass blanket											
STEEL WIRE	Coated spring steel wire helix											
EXTERIOR FACING & VAPOR BARRIER	Fiberglass scrim reinforced aluminized polyester film vapor barrier											
VAPOR BARRIER PERMEANCE	.05 Perm per ASTM, Method E96, Procedure A											
THERMAL PERFORMANCE R-VALUE	adc	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										
SIZES, ID	4	5	6	7	8	9	10	12	14	16	18	20
LENGTH (feet)	25 ft. / 7ft											
INSIDE BEND RADIUS (inches)	4	5	6	7	8	9	10	12	14	16	18	20
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 _____ P.O. NO.

ENGINEER _____ JOB NO.

CONTRACTOR _____ REPRESENTATIVE _____

Certified Correct — Approved for Construction

BY _____ BY _____

TITLE _____ TITLE _____

DATE _____ DATE _____

The Pink Panther™ & © 1964-2008 Metro-Goldwyn-Mayer Studios Inc. All Rights Reserved.
The color PINK is a Registered trademark of Owens Corning. ©2008 Owens Corning.

1-800-459-4822 • www.thermaflex.net

Corporate Headquarters: 381 Carwellyn Road • Abbeville, SC 29620 • Phoenix, AZ • Cairo, GA • Mississauga, ON Canada

© 2017 Flex-Tek Group, Bulletin M-KE 05/22 Printed in USA