

M-FLEX

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Elastomeric Insulation For Specialists In Refrigerant Cold Temperature



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INFO

M-FLEX is a "CLOSED-CELL FLEXIBLE ELASTOMERIC THERMAL INSULATION". The environmental friendly materials are manufactured without the use of CFC's, HCFC, formaldehyde free, low VOCs, fiber and dust free.

TECHNICAL DATA

Temperature Range	-45°C ~ +105°C*
Fire performance (surface spread of flame, BS 476 Part 7 & Part 6 1987)	Class 0
Thermal Conductivity (ASTM C518 -17)	λ 0°C = 0.031 W/(m.k) λ +20°C = 0.031 W/(m.k) λ +40°C = 0.032 W/(m.k)
Water Vapour Diffusion Resistance Factor	μ ≥ 10,000
Density	46 ~ 60 kg/m ³
Water Absorption (by volume)	< 0.20%
Self-extinguishing (UL 94)	V-0, HB
Resistance to Oil & Greases	Good
Anti Microbial Resistance	Passed in accordance to ASTM E2180
Low VOC Emission	Low VOC Emitting, Tested acc. To ASTM D5116

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“K-FLEX is the world’s leading manufacturer of elastomeric Insulation systems. In twenty one production facilities around the world, including Poland, France, China, India, Malaysia, Dubai, Egypt, United Kingdom and United States some 6,200 employees develop and manufacture outstanding product solutions for thermal and acoustic Insulation.

K-FLEX is committed to ensuring its products comply with the fire safety and industry-wide safety standards.

K-FLEX has 63 sales offices on five continents, offering premium service to more than 50,000 customers.

As the world’s fastest-growing company in the industry, K-FLEX is also a global player in the target markets of building services, refrigeration, air conditioning and ventilation, rail, shipping, automotive and beverage industries as well as the solar industry and OEM businesses.

K-FLEX has ISO 9001 and ISO 14001 certification.”

PLANT TIMELINE



ACCESSORIES

SELF ADHESIVE FOAM TAPES



PIPE SUPPORT



K 414 GLUE



RANGE ► M-FLEX TUBES (1.83 METRES)

Copper Pipe		Iron Pipe		6 • 1/4"		9 • 3/8"		13 • 1/2"		19 • 3/4"		25 • 1"		32 • 1 • 1/4"		40 • 1 • 1/2"		50 • 2"		
OC Inches	ø OD mm	IPS Inches	ø OD mm	size	pcs/ctn	size	pcs/ctn	size	pcs/ctn	size	pcs/ctn	size	pcs/ctn	size	pcs/ctn	size	pcs/ctn	size	pcs/ctn	
1/4"	6			6x6	248	9x6	158	13x6	100	19x6	50	25x6	30							
3/8"	10	1/6"	10.2	6x10	182	9x10	110	13x10	76	19x10	40	25x10	26							
1/2"	13			6x13	140	9x13	100	13x13	64	19x13	36	25x13	25			40x13	10			
5/8"	16	1/4"	13.5	6x16	133	9x16	94	13x16	56	19x16	36	25x16	25			40x16	11	50x16	6	
3/4"	19			6x19	90	9x19	68	13x19	50	19x19	30	25x19	20	32x19	16	40x19	11	50x19	6	
7/8"	22	1/2"	21.3	6x22	90	9x22	64	13x22	49	19x22	30	25x22	19	32x22	12	40x22	9	50x22	6	
1"	25			6x25	76	9x25	54	13x25	40	19x25	25	25x25	16	32x25	12			50x25	5	
1.1/8"	28	3/4"	26.9			9x28	49	13x28	36	19x28	24	25x28	16	32x28	12	40x28	8	50x28	5	
1.1/4"	32					9x32	42	13x32	30	19x32	20	25x32	16	32x32	11					
1.3/8"	35	1"	33.7			9x35	38	13x35	29	19x35	20	25x35	15	32x35	10	40x35	8	50x35	4	
1.5/8"	42	1.1/4"	42.4			9x42	30	13x42	25	19x42	16	25x42	12	32x42	9	40x42	6	50x42	4	
1.7/8"	48	1.1/2"	48.3			9x48	25	13x48	20	19x48	14	25x48	11	32x48	8	40x48	5	50x48	4	
2"	51					9x51	24	13x51	20	19x51	12	25x51	10							
2.1/8"	54					9x54	23	13x54	20	19x54	12	25x54	9	32x54	7	40x54	5	50x54	4	
2.3/8"	60	2"	60.3			9x60	23	13x60	16	19x60	11	25x60	9	32x60	6	40x60	4	50x60	4	
2.5/8"	67					9x67	23	13x67	15	19x67	9	25x67	8					50x67	3	
2.7/8"	73					9x73	20	13x73	15	19x73	10	25x73	6	32x73	5	40x73	4	50x73	3	
3"	76	2.1/2"	76.1			9x76	20	13x76	15	19x76	9	25x76	6	32x76	4	40x76	4	50x76	3	
3.1/8"	79					9x79	18	13x79	15	19x79	9	25x79	6					50x79	3	
3.1/2"	89	3"	88.9			9x89	18	13x89	12	19x89	9	25x89	6	32x89	4	40x89	4	50x89	3	
4.1/2"	114	4"	114.3			9x114	15	13x114	12	19x114	7	25x114	5	32x114	3	40x114	3	50x114	2	

RANGE ► M-FLEX SHEET IN ROLLS

Type	Thickness		Sheet 1.22 metre wide	
	mm	inches	format	m ² /box
PL/RO 06	6	1/4"	30 x 1.22	36.60
PL/RO 10	10	3/8"	20 x 1.22	24.40
PL/RO 13	13	1/2"	14 x 1.22	17.08
PL/RO 16*	16	5/8"	12 x 1.22	14.64
PL/RO 19	19	3/4"	10 x 1.22	12.20
PL/RO 25	25	1"	8 x 1.22	9.76
PL/RO 32	32	1.1/4"	6 x 1.22	7.32
PL/RO 40	40	1.1/2"	4 x 1.22	4.88
PL/RO 50	50	2"	4 x 1.22	4.88

* 16mm only available upon received Purchase Order from customer.



Self adhesive sheets available in all sizes.

PROJECTS IN THE NORTHERN REGION VIET NAM

▶ INDUSTRIAL

Quang Minh – Vinh Phuc Industrial
 Yen Binh – Thach That
 VSIP Bac Ninh Industrial
 Huyndai Ninh Binh Factory
 Texhong Factory – Quang Ninh
 Young Bo Factory – Que Vo, Bac Ninh
 TH True Milk Factory – Nghe An

▶ COMMERCIAL

Thanh Hoa Commercial
 Central headquarters of the union - 55 Quang Trung
 Military Hospital 105 – Son Tay
 Dong Do Hotel - Giang Vo
 TH School – Chua Boc

▶ RESIDENTIAL

Long Canh Villa Area, Vinhomes Thang Long - Bao Son Paradise
 Villa area near Central Field - Trung Kinh
 Viet Hung - Long Bien urban area
 Vinhomes Riverside urban area - Long Bien
 Gamuda - Tam Trinh new urban area
 Ecopark urban area - Thuy Nguyen
 Ngoai Giao Doan Urban Area - Bac Tu Liem
 Bea Sky Apartment – Nguyen Xien
 Golden Field Apartment - My Dinh
 Vinhomes Gardenia Apartment - My Dinh
 Vinhomes Green Bay Apartment - Me Tri
 Gamuda Apartment – Yen So
 HH2 Bac Ha Apartment - Le Van Luong
 Golden West Apartment – No. 1 Le Van Thiem
 Fodacon Apartment – Bac Ha
 HDI Tower Apartment – 55 Le Dai Hanh

PROJECTS IN THE SOUTHERN REGION VIET NAM

▶ URBAN AREA – LUXURY APARTMENT - SCHOOL

CHARM City Binh Duong Apartment
 Khang Phuc 168 An Duong Vuong Apartment
 Bcons An Binh Apartment
 Bcons School
 Bien Hoa Complex – Dong Nai
 Hung Phu Apartment
 Victory Gò Vấp Apartment
 Mizuki Park – Luxury Apartment
 Golden Hotel Đà Lạt
 Charm Hotel Đà Lạt

▶ STATE WORKS

Long An State Treasury
 Soc Trang State Treasury
 Bac Lieu State Treasury
 Cu Chi State Treasury
 Hoc Mon State Treasury
 Binh Duong TV station
 Hoc Mon Hospital

▶ INDUSTRIAL

Minh Phu Factory – Hau Giang
 Thanh Phong Pastic Factory
 ICT VINA II Medical equipment manufacturing factory

