

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 1987)	Class 1
Thermal Conductivity	λ +20°C = 0.036 W/(m.k) λ 0°C = 0.034 W/(m.k) λ -20°C = 0.032 W/(m.k)
Water Vapour Diffusion Resistance Factor	μ ≥ 7,000
Density	50 ~ 65 kg/m ³
Water Absorption (by volume)	< 0.20%
Self-extinguishing (UL 94)	V-0, HB
Resistance to Oil & Greases	Good
DIN 1988/7 corrosion risk	Meet limit values
Anti Microbial Resistance	Zero Growth, Tested acc. To ASTM G21
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 seventeen production facilities around the world, including Poland, France, China, India, Korea, Malaysia, Dubai, Egypt, the UK and the USA some 3,500 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 TUBE SIZE (1.83 METRES LENGTH)

Copper Pipe		Iron Pipe		6 • 1/4"		9 • 3/8"		13 • 1/2"		19 • 3/4"		25 • 1"	
OC Inches	ø OD mm	LPS Inches	ø OD mm	size	pcs/box	size	pcs/box	size	pcs/box	size	pcs/box	size	pcs/box
1/4"	6					9x06	158	13x6	100	19x6	50		
3/8"	10	1/6"	10.2			9x10	110	13x10	76	19x10	40	25x10	26
1/2"	12					9x13	100	13x13	64	19x13	36	25x13	25
5/8"	15	1/4"	13.5	6x16	133	9x16	94	13x16	56	19x16	36	25x16	25
3/4"	20			6x19	90	9x19	68	13x19	50	19x19	30	25x19	20
7/8"	22	1/2"	21.3	6x22	90	9x22	64	13x22	49	19x22	30	25x22	19
1"	25			6x25	76	9x25	54	13x25	40	19x25	25	25x25	16
1.1/8"	28	3/4"	26.9	6x28	65	9x28	49	13x28	36	19x28	24	25x28	16
1.3/8"	35	1"	33.7	6x35	50	9x35	38	13x35	29	19x35	20	25x35	15
1.5/8"	42	1.1/4"	42.4	6x42	45	9x42	30	13x42	25	19x42	16	25x42	12
1.7/8"	48	1.1/2"	48.3			9x48	25	13x48	20	19x48	14	25x48	11
2.1/8"	54					9x54	23	13x54	20	19x54	12	25x54	9
2.3/8"	60	2"	60.3			9x60	23	13x60	16	19x60	11	25x60	9
3"	76	2.1/2"	76.1			9x76	20	13x76	15	19x76	9	25x76	6
3.1/2"	89	3"	88.9			9x89	18	13x89	12	19x89	9	25x89	6
4.1/2"	114	4"	114.3			9x114	15	13x114	12	19x114	7	25x114	4



RANGE ▶ M-FLEX SHEET ROLLS (AVAILABLE IN 1.22M AND 1.50M WIDTH)

Thickness		Length
mm	inches	metres
6	1/4"	30
10	3/8"	20
13	1/2"	14
16	5/8"	12
19	3/4"	10
25	1"	8

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