



MOLD INSULATOR SHEETS

**REDUCES
THERMAL CONDUCTIVITY
BETWEEN MOLD & PLATEN**

ISO-9001
MANUFACTURED IN A
QUALITY SYSTEM CERTIFIED
FACILITY.

**2 TYPES
AVAILABLE**



FEATURES: TYPE I & TYPE II

- Type I, Integrated Mica Flakes, **No Asbestos!**
- Type II, Glass Reinforced Polyester, **No Asbestos!**
- Reduces conduction of over five times less heat than concrete asbestos plate.
- Improves energy efficiency.
- Remains stable under compression.
- Highly resistant to water, oil and lubricants.
- Both materials can be cut, drilled, sawed or milled. Uses standard tooling.
- Type II, comes in two thicknesses.
- Type II, both sides have a sanded finish.
- Type II, takes rough handling and abuse without chipping or cracking.

TYPE I

— SPECIFICATIONS —

- Basic Material: Inorganic Bonded Muscovite Mica
- Thickness: 1/8" ± .005
- Density: .094 lbs./cu. in.
- Thermal conductivity: .797 (BTU/in/hr/sq.ft./ Deg. F)
- Thermal capability: 1,000° F
- Tensile Strength: 15,000 PSI @ 1,000° F
- Smoke & Odor: Some at 700 to 1,000° F
None after 5 minutes
- Mechanical properties: can be drilled, machined, cut, sawed or milled without delamination or cracking.
- Electrical specifications available on request.

TYPE II

— SPECIFICATIONS —

- Basic Material: fiberglass reinforced, mineral filled sheet bonded together with heat resistant thermosetting resins.
- Thickness: 1/4" and 1/2" ± .002
- Density: 123 lbs./Ft³.
- Thermal conductivity: 1.7 (BTU/in/hr/sq.ft./ Deg. F)
- Thermal capability: 550° F
- Compressive strength

@ 73° F		D-695	42,900 PSI
@ 300° F	TEST	D-695	45,900 PSI
@ 400° F	METHOD	D-695	48,200 PSI
@ 450° F	ASTM	D-695	48,000 PSI
- Flame Resistance: UL Subject 94, V-O.

TYPE I

THICKNESS	SHEET SIZE	PART NO.	QUANTITY PRICES (Mix or Match)	
			1-5 Pcs.	6 & Over
1/8"	1/8" x 12" x 36"	M1-1236	\$56.65	\$53.95
	1/8" x 24" x 36"	M1-2436	\$108.75	\$103.75
	1/8" x 36" x 36"	M1-3636	\$151.50	\$144.75

TYPE II

THICKNESS	SHEET SIZE	PART NO.	QUANTITY PRICES (Mix or Match)	
			1-5 Pcs.	6 & Over
1/4"	1/4" x 12" x 36"	M214-1236	\$63.25	\$60.25
	1/4" x 18" x 36"	M214-1836	\$94.70	\$90.20
	1/4" x 24" x 36"	M214-2436	\$126.15	\$120.15
	1/4" x 36" x 36"	M214-3636	\$189.35	\$180.35
	NEW →	1/4" x 48" x 48"	M214-4848	\$474.55
1/2"	1/2" x 12" x 36"	M212-1236	\$114.80	\$109.35
	1/2" x 18" x 36"	M212-1836	\$170.10	\$162.00
	1/2" x 24" x 36"	M212-2436	\$226.85	\$216.05
	1/2" x 36" x 36"	M212-3636	\$340.20	\$324.00
	NEW →	1/2" x 48" x 48"	M212-4848	\$855.95



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