



# MOLD INSULATOR SHEETS

REDUCES THERMAL CONDUCTIVITY  
BETWEEN MOLD & PLATEN



**2 TYPES  
AVAILABLE**

**ISO 9001**

MANUFACTURED IN A  
QUALITY SYSTEM CERTIFIED  
FACILITY.



## 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./Ft<sup>3</sup>.
- 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	\$52.50	\$49.70
	1/8" x 24" x 36"	M1-2436	100.00	94.65
	1/8" x 36" x 36"	M1-3636	139.40	130.65

## 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	\$46.15	\$44.20
	1/4" x 18" x 36"	M214-1836	\$69.15	\$66.20
	1/4" x 24" x 36"	M214-2436	\$92.05	\$88.20
	1/4" x 36" x 36"	M214-3636	\$138.25	\$132.30
	<b>NEW →</b>	1/4" x 48" x 48"	M214-4848	\$346.45
1/2"	1/2" x 12" x 36"	M212-1236	\$83.75	\$80.20
	1/2" x 18" x 36"	M212-1836	\$126.05	\$118.90
	1/2" x 24" x 36"	M212-2436	\$165.65	\$158.60
	1/2" x 36" x 36"	M212-3636	\$248.45	\$237.85
	<b>NEW →</b>	1/2" x 48" x 48"	M212-4848	\$624.95



**PLASTIC PROCESS EQUIPMENT, INC.**

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