



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./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 | \$53.60 |
| | 1/8" x 24" x 36" | M1-2436 | \$106.80 | \$101.10 |
| | 1/8" x 36" x 36" | M1-3636 | \$149.90 | \$140.50 |

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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