Mold Base & Platen Thermal Barrier Insulation

Glastherm S — 425° F
A fiberglass reinforced, mineral filled sheet, with heat resistant polyester thermosetting resin. Recommended for thermal barrier applications where operating temperature does not exceed 425° F.

Glastherm HT — 550° F
A fiberglass reinforced, mineral filled sheet, with heat resistant polyester thermosetting resin. Recommended for thermal barrier applications where operating temperature does not exceed 550° F.

Thermalate H320 — 450° F
A compression molded glass material reinforced thermoset polyester laminate designed to operate at temperatures up to 450° F.

Thermalate H330 — 550° F
A compression molded glass material reinforced thermoset polyester laminate designed to operate at temperatures up to 550° F.

Brandenburger S-4000 — 390° F
A glass fiber material bound with a high temperature polymer. Designed to operate at temperatures up to 390° F. Imported from Germany. Standard panel thickness 5–30mm.

Marinite P — 1800° F
A non asbestos material formed from calcium silicate with inert fillers and reinforcing agents. Recommended for thermal barrier insulation applications up to 1800° F.

Transite HT — 600° F
A monolithic portland cement composite recommended for a maximum operating temperature of 450° F or 600° F with proper heat conditioning.

Isomag 175 — 1400° F
A magnesia silicate based formulation recommended for temperatures up to 1400° F.

Silicone Laminate — 428° F
A rigid glass cloth laminate with a silicone binder. Recommended for a continuous service temperature of up to 428° F.

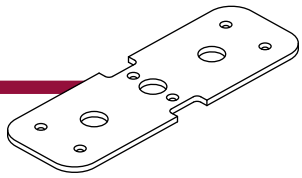
Epoxy Laminate — 356° F
A high mechanical strength glass cloth laminate with an epoxy binder. Recommended for a continuous service temperature of up to 356° F.

Cogetherm M — 932° F
Consists of 90% Cogemica Muscovite and 10% of bonding material. Should be used for continuous service temperatures up to 932° F.

Cogetherm P — 1300° F
Consists of 90% Cogemica Phlogopite and 10% of bonding material. Should be applied only for continuous applications less than 1300° F.

Zircar RS-100 — 2300° F
A ceramic fiber reinforced structural alumina product with useful properties to 2300° F. RS100 is 100% inorganic.

Pyropel MD-60 — 550° F
A rigid polyimide fiberboard. A patented manufacturing process creates sintered fiber bundles which give Pyropel it's rigidity, compressive strength, and dimensional stability. Designed to be used for temperatures up to 550° F.



Perimeter Thermal Barrier Insulation

Can be mechanically fastened or bonded to the sides of tooling or heated platens.

Glastherm HT — 550° F
A fiberglass reinforced, mineral filled sheet, with heat resistant polyester thermosetting resin. Recommended for thermal barrier applications where operating temperature does not exceed 550° F.

SG-200 Polyester — 410° F
High impact and flexural strength contribute to reduced breaking during handling and fabrication. Recommended service temperature of up to 410° F.

Silicone Laminate — 428° F
A rigid glass cloth laminate with a silicone binder. Recommended for a continuous service temperature of up to 428° F.

Pyropel MD-18 — 550° F
A semi-rigid fiberboard normally used in areas that require both thermal insulation and limited mechanical resistance. Designed to be used for temperatures up to 550° F.

15060 Madison Road • Middlefield, Ohio 44062 • 440/632-5800 • Fax 440/632-0012 • cservice@jacoproducts.com

Stock Sizes

A large selection of stock sizes are available for immediate delivery. Ask our customer service about cutting to size or custom machining to your specifications.

Mold Base & Platen Thermal Barrier Insulation

Material	Thickness	Standard Tolerance	Standard Sheet
Glastherm S	.125"–1"	±.002"	36" x 72" 48" x 96"
Glastherm HT	.125"–2" 7.3–25.4mm	±.002" ±.05mm	36" x 72" 48" x 96"
Glastherm CH	.472" 12mm	±.002 ±.05mm	39" x 78" 1m x 2m
Thermalate H320	.125"–2"	±.002" or ±.005"	36" x 72" 48" x 60" 48" x 96"
Thermalate H330	.125"–2"	±.002" or ±.005"	36" x 72" 48" x 60" 48" x 96"
Brandenburger S-4000	5–30mm	±.05mm	1200mm x 2400mm
Marinite P	.500"–2.000"	±.005"	48" x 96"
Transite HT	.250"–1.250" 1.500"–3.000"	±.031" ±.063"	48" x 96" 48" x 96"

Material	Thickness	Standard Tolerance	Standard Sheet
Isomag 175	.500"–1"	±.005"	38" x 50"
Silicone Laminate	.125"–1"	NEMA Std.	36" x 72" 48" x 96"
Epoxy Laminate	.125"–1"	NEMA Std.	36" x 72" 48" x 96"
Cogetherm M	.060"–.200" .200"–1.200" 1.200"–3.000"	±7% ±5% ±3%	39" x 47" 39" x 47" 39" x 47"
Cogetherm P	.060"–.200" .200"–1.200" 1.200"–3.000"	±7% ±5% ±3%	39" x 47" 39" x 47" 39" x 47"
Zircar RS-100	.032"–1.000"	±10% std. thk.	24" x 24" 24" x 48" 36" x 36"
Pyropel MD-60	.250"	±10%	24" x 24" 24" x 36"

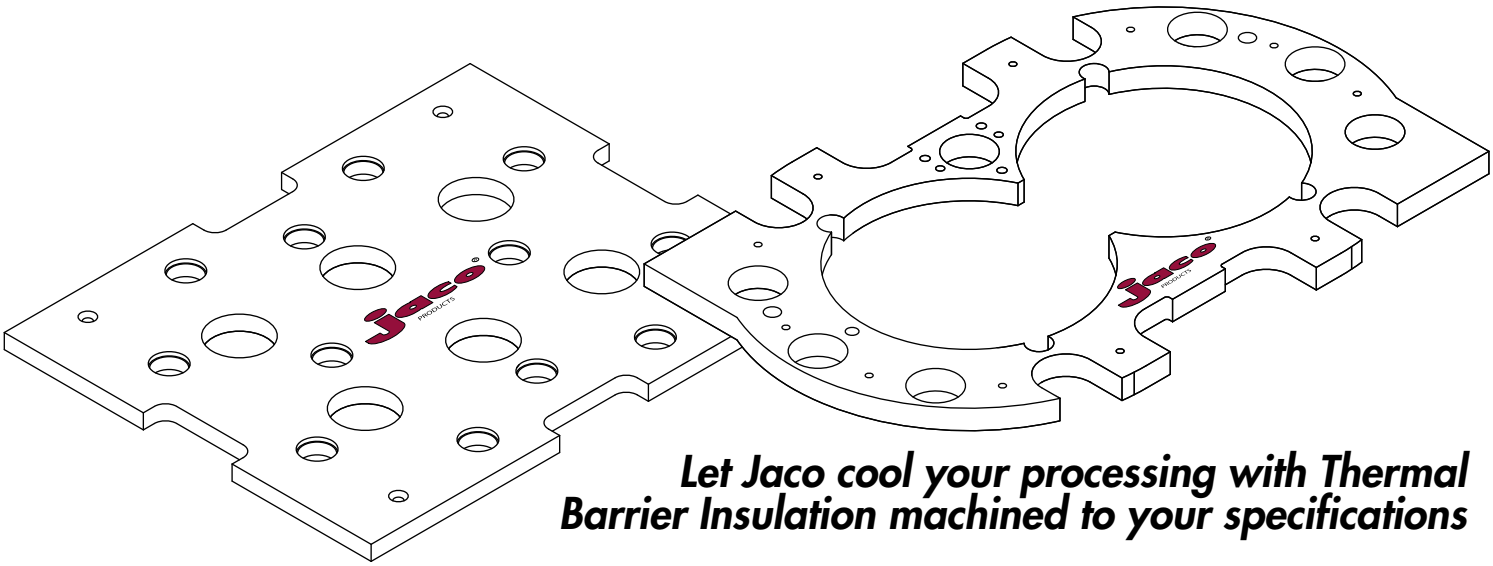
Perimeter Thermal Barrier Insulation

Material	Thickness	Standard Tolerance	Standard Sheet
Glastherm HT	.125"–.250" 7.3mm	±.002" ±.05mm	36" x 72" 48" x 96"
SG-200	.031"–.250"	NEMA Std.	36" x 72" 48" x 96"

Material	Thickness	Standard Tolerance	Standard Sheet
H-25219	.125"–.250"	NEMA Std.	36" x 72" 48" x 96"
Pyropel MD-18	.250"	±10%	24" x 24" 24" x 36"

DXF electronic files preferred when e-mailing.

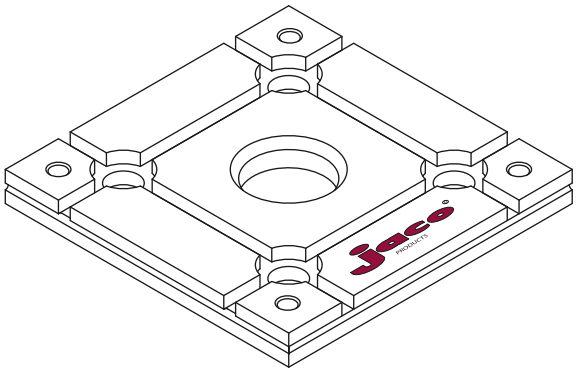
Something Hot!



Let Jaco cool your processing with Thermal Barrier Insulation machined to your specifications

jaco®
PRODUCTS

Your Supermarket for High Performance Thermal Insulating Materials



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PRODUCTS
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15060 Madison Road
Middlefield, Ohio 44062

Insulation materials

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PRODUCTS

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PRODUCTS

Jaco offers a wide selection of thermal barrier materials each meeting specific requirements.

Let us help you select a thermal barrier material best suited to your requirements.

Our extensive cutting and machining equipment provides for precision machining and accurate cutting to size.

Our quality program is QS9000 registered.

15060 Madison Road
Middlefield, Ohio 44062
Phone: 440-632-5800
Fax: 440-632-0012
est@jacoproducts.com

QS 9000
1994 Registered

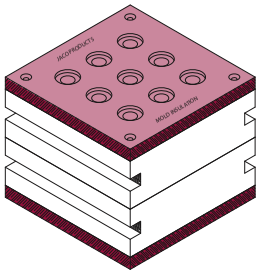
17 Choices

Jaco, your **Supermarket** for high performance thermal insulating materials, offers you choices when you need to compare:

- *low thermal conductivity*
- *cost*
- *thickness tolerance*
- *compressive strength at your processing temperature*

Controlling the transfer of heat to the production press with high performance thermal insulation will reduce your energy consumption and improve your processing variables.

When you choose Jaco you have choices in thermal insulating materials.



Web: www.jacoproducts.com

Sales Assistance

Jaco Customer Service
Phone: 440-632-5800 ext. 32 or 33
Fax: 440-632-0012
Sales Email: cservice@jacoproducts.com

Regional Sales Office

Pittsburgh, Pennsylvania
George Engle
Phone: 724-947-4950
Fax: 724-947-4952

Crystal Lake, Illinois
Bill Davis
Phone: 815-455-6664
Fax: 815-455-6664

Columbia, South Carolina
Hope Craver
Phone: 803-781-8078
Fax: 803-781-8079

Canada
Pierre Bergeron
Phone: 514-333-4557
Fax: 514-335-7753

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