jaco®

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.

Glastherm CH 550° F

A composite material which combines low thermal conductivity and very high compressive strength. Should be considered for the more difficult thermal barrier applications. Recommended maximum service temperature 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

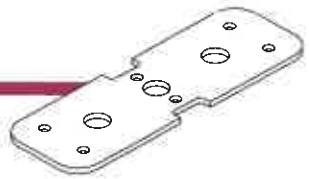
Consists of 90% Cogemica Phlogopite and 10% of bonding material. Should be applied only for continuous applications less than 1300° F.

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