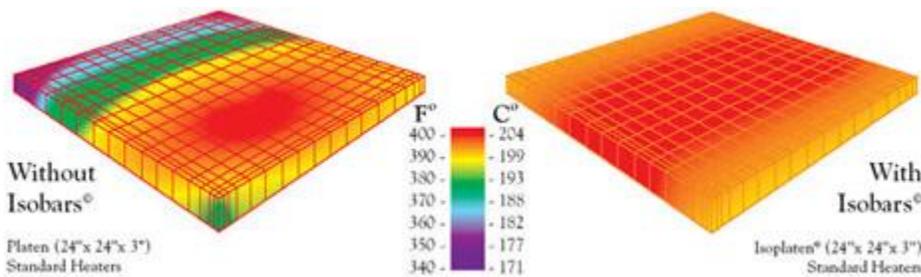


Acrolab Isoplatten Technology

Acrolab's Isoplatten provide high levels of thermal stability to press platen applications and can be designed for electric, oil or steam heating (the standard Isoplatten is electrically heated). Integral water cooling lines for fast process temperature changes are available on all models. The standard Isoplatten has an operating range of ambient to 260°C.

These units utilize an engineered bi-level array of Isobar[®] Heat Pipe super-thermal conductors to redistribute and uniformly apply heat provided to the platen either by oil or steam channels or through series of standard electric cartridge heaters.

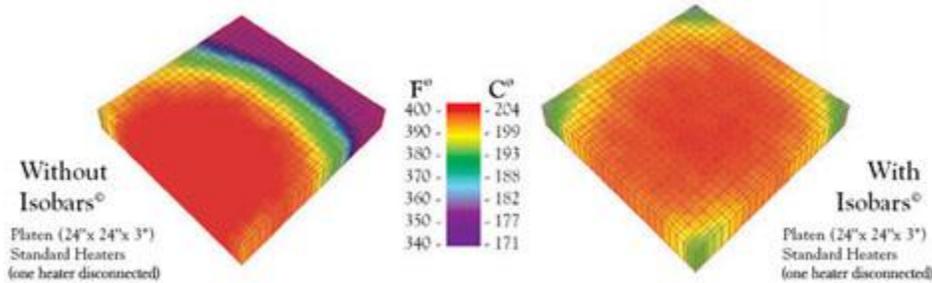
Isobar[®] Heat Pipes in the lower level of this array linearize the typical non-linear output of the electric heaters. The upper array provides a further uniforming of the energy residing in the platen. The combination of the two levels of the Isobar[®] Heat Pipe array ensures that the random point-to-point temperature of the Isoplatten is $\pm 3^{\circ}\text{C}$ over 90 percent of the platen surface.



These results allow a substantial improvement in cycle times, start-up times, thermal recovery rates and improved part quality.

The Isoplatten's unique thermal uniformity permits the use of one single-zone temperature controller for the entire platen - no special multi-zone controls and multiple thermocouples are required.

Isobar[®] Heat Pipes accept energy inputs from any location along their length and redistribute these inputs uniformly at high speed, they therefore provide a unique advantage to the Isoplaten over traditional press platens. If one heating element fails in a traditional platen, a cold area immediately becomes apparent on the platen surface adjacent to that heater. When a heater fails in an Isoplaten, the distributive properties of the Isobar[®] Heat Pipe array super-conduct energy to the cold region caused by the failed heater, quickly compensating for the loss of energy in that region. The result is a slight reduction in the amount of heat being generated in the Isoplaten but no significant change in the thermal uniformity of the Isoplaten face.



Existing platens may sometimes be retrofitted as Isoplatens when enough free space is available.

Acrolab's Isobar and Isoplaten technology provides the molder with the first major breakthrough in processing high-quality molded parts at a lower cost. This is achieved through faster cycle times, applying more uniform cure rates at optimum processing temperatures, reducing maintenance and lowering energy requirements. Returns on initial investment vary from application to application; however as a general rule, Isobars and Isoplatens are reported to return the investment in less than six months.

Acrolab Ltd announces the sale of licenses for the sales of ISOBAR[®] Super Thermal Conductors and for the manufacture and sale of ISOPLATENS[®] within the rubber molding and processing industry in the United States, Canada and Mexico to The French Oil Mill Machinery Company. Acrolab has also licensed French Oil to market these same technologies world wide, outside of the European Union, Russia and Turkey.

The French Oil Mill Machinery Company holds a leadership position in the rubber processing and molding sector, says Acrolab President Joe Ouellette. "We are very excited to be associated with a firm such as French, who displays the combination of deep roots and great forward vision within the Rubber sector".