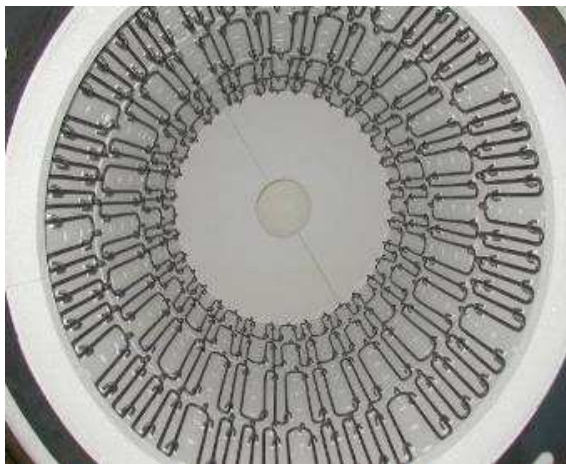




Electric Heating Panels and Cylinders (MoSi₂ + PCW) up to 1,650°C

- 1) in the special glass industry for melting furnaces (Lead Crystal Glass & Soda-Lime Glass and other special glasses) as roof heaters of feeder forehearth.
- 2) in the semiconductor industry for
 - vertical diffusion furnaces (Si-Wafers), Ø 300 - 400 mm,
 - horizontal diffusion furnaces (SiC-Wafers) up to Ø 200 mm.

This systems are specially designed for a maximal electric power of 150 kW/m². Special dimensions and designs are available according to customer request.



MATERIAL PROPERTIES

Operating Temperature	Up to maximal 1,650°C under air.
Components	A combination of MolyCom®-Ultra or Hyper heating elements with UltraBoard® or UltraVac® produced and adjusted on customer request.
Physical & Chemical Properties of MolyCom®, UltraBoard® and UltraVac®	Please see the specific data sheets

TYPES AVAILABLE

Sizes (for example):	1,000 x 600 mm (panel)
	Ø 1,500 mm, H 1,600 mm (cylinder)
	Other sizes available on request

INSTALLATION

The panels are manufactured for horizontal use with straight or 90° bent terminals. Because of the readymade combination of heating element and insulation board, the installation time can be reduced and the installation is really simple in progress.

