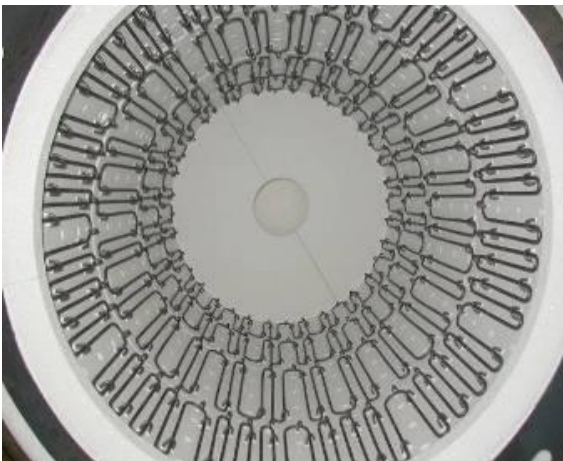


M.E.SCHUPP[®]-MolyTec Electric Heating Panels and Cylinders (MoSi₂ + PCW) up to 1,650°C

M.E.SCHUPP[®]-MolyTec electric heating systems are used

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

The MolyTec systems are specially designed for a max. electric power of 150 KW/m². Special dimensions and designs are available according to customer request.



MATERIAL PROPERTIES

Operating temperature	Up to 1,650°C max. in air atmosphere
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 1,500mm, H 1,600 mm (cylinder)
	Other sizes available on request



INSTALLATION

The electric fiber heater systems are heated by MolyCom[®]-Ultra or Hyper elements.

The panels are manufactured for horizontal use with straight or 90° bent terminals. The customer can get any technical advice on design and installation from M.E.SCHUPP[®]. 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.