

Schunk ist Hersteller für eine breite Produktpalette von CFK und CMC.

Schunk Kohlenstofftechnik GmbH - Experienced development partner for high temperature applications: Schunk is a global leader in the development, production and application of carbon and ceramic solutions. Schunk combines innovative strength and technological know-how with exceptional service orientation to provide a range of services that is unique in the market. In doing so, Schunk combines innovations - such as patented components for the maintenance of heating chambers, silicified material solutions or intelligent designs for batch carriers - with comprehensive expertise in all aspects of materials and applications. The result is solutions which combine economy, energy efficiency and durability in a successful way.

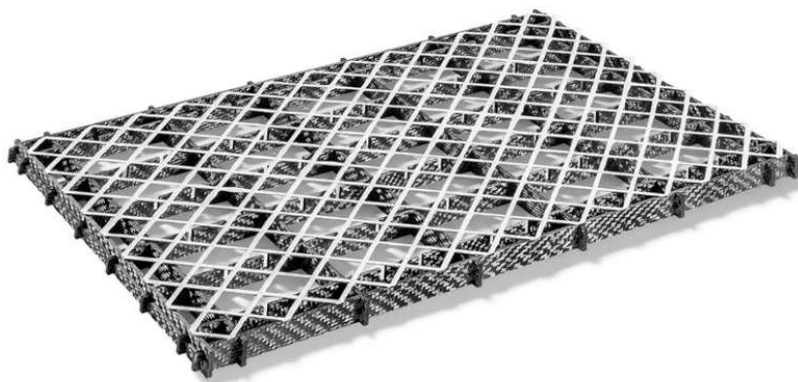
The customers benefit from graphite and CFC materials which remain dimensionally stable even well above the melting temperature of most metals and exhibit only low thermal distortion and excellent thermal shock resistance.

From heat treatment to semiconductor industry: One can rely on ceramic fiber composites from Schunk in virtually all high-temperature applications: In the heat treatment, semiconductor and solar industries, as well as in the processing of aluminum.

In heat treatment, the customers rely on the advantages of furnace components, insulation materials, carrier systems, kiln furniture and solutions for temperature measurement. For the semiconductor and solar industries, Schunk



Heater components
@ Schunk



Hybrid Batch Carrier @ Schunk

offers customized solutions for polysilicon recovery, CZ pullers, DSS hot zone, and C/C carriers for PECVD systems.

For the particularly demanding environment in the processing of aluminum Schunk has developed Durafox® Ceramics. Equipment parts and auxiliary materials made of this material have a high damage tolerance as well as thermal shock resistance and can be used for temperatures of up to 1,100 °C.