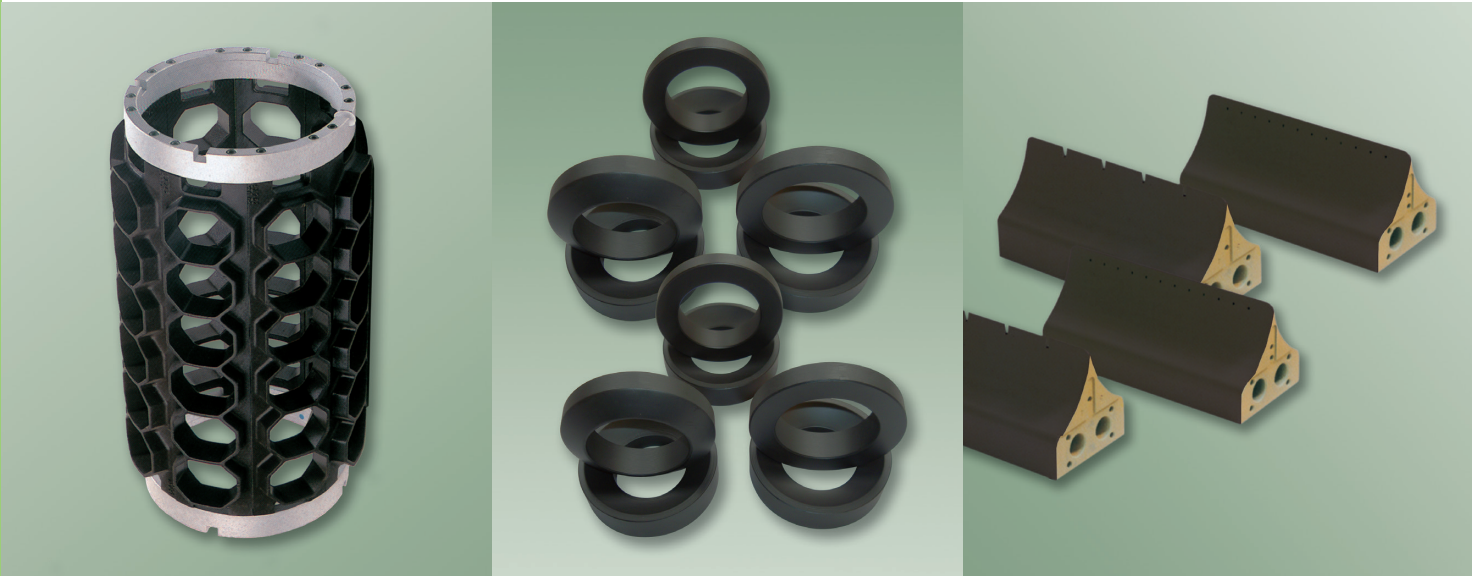


SOL-GEL-Coating GU SG-I



Sol-gel coatings are becoming increasingly established in the market. With this technology, hard ceramic layers are applied which meet the most diverse requirements. Compared to conventional fluoropolymer surfaces these surfaces are **less sensitive** to abrasion and high temperatures, and therefore offer many advantages. A further benefit is the low thermal load on the components due to a significantly lower baking temperature. Our coating **GU SG-I** can be used where fluoropolymers are no longer appropriate. In addition to metallic materials, our coating **GU SG-I** can also be applied to plastics and lightweight material such as CFRP.

Applicable as

- **Non-stick coating also used for high-temperature applications up to 350°C**
 - Typical layer thickness approx. 20 – 40 µm
 - Pencil hardness 9H
 - Clearance certificate for contact with food available
- **Easy-to-clean coating also used for high-temperature applications up to 350°C**
 - Typical layer thickness approx. 5 – 10 µm
 - Pencil hardness 9H
 - Clearance certificate for contact with food available
- **Light corrosion protection**

Typical applications

- Foodstuff industry
- Bakery industry
- Chutes, conveying systems, rollers
- Injection moulding, moulding production
- Heating plates, heating mirrors
- Blades
- Varnishing troughs
- Impellers
- Heat exchanger and more besides

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