GLASS INDUSTRY

Proven solutions for hot glass handling
CERBERITE®
HOT GLASS HANDLING HARDWARE & CONSUMABLES

Mersen graphites, composites and metallic systems are being used extensively throughout the glass handling industry. Its leading brand for materials and systems in the container glass handling is CERBERITE®.

Our technologically advanced materials provide superb performance in the hostile environment of extreme heat and possible oil contamination. Innovative improvements of our grades and proven solutions make us a full basket supplier of high quality materials and metallic supports. CERBERITE® hardware is custom designed to specific hot handling requirements from the beginning to the end of a process line.

Thanks to its long experience in hot glass handling CERBERITE® provides complete proven solutions combining metallic hardware and carbon contact consumables. We offer an assurance of the same quality worldwide. This is achieved through local service everywhere, including machining in accordance with your unique specifications.

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Porosity %</th>
<th>Flexural strength MPa</th>
<th>Compressive strength MPa</th>
<th>Conductivity W/m°C</th>
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<td>CM80</td>
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</table>

CM20, C40 and CM80 : measured in // direction
* anti-oxidation treatment

Carbon materials have proved themselves to be a more user-friendly alternative to other handling materials.

- Non damaging to hot glass
- Environmentally safe
- Good wear resistance
- Allow design flexibility
- Good resistance to thermal shock
- Strong
- Lubricant
- Low thermal conductivity

CERBERITE®-metallic hardware offers competitive advantages that reduce maintenance and downtime, and allows increased flexibility.

- Quick-change inserts and insulators,
- Adjustable blocks on stacker bars
- Easy set up
- Easy access
- Strong and light weight, crash resistant
- Designed with the main OEMs
- Reduced bending at high temperature

Our materials are in conformity with the RoHS-Directive (Restriction of the use of certain Hazardous Substances in electrical and electronic equipment). Besides Mersen guarantees the application of the European Community REACH-Regulation (Registration, Evaluation, Authorisation and Restriction of Chemical substances) to all its plants located in Europe.
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Material combine high mechanical strength, low porosity and special treatments. Material combine high mechanical strength, low porosity and special treatments.
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SPECIALTY GLASS

MERSEN has developed a varied range of high performance carbons and graphites that meet unique specifications of the glass industry.

Precision workshops of MERSEN network will machine locally parts according to your application requirements: Flat glass, Tableware, Laboratory, Pharmaceutical glass, TV and lighting glass, Glass fibre and Optical fibre.

Diabolo grade C8

Pin holder grade C50

Shaping stabber grade C25

Neck holder grade C8

Guide grade C55

Resistor grade C15 or C25
A GLOBAL PLAYER

Global expert in materials and solutions for extreme environments as well as in the safety and reliability of electrical equipment, Mersen designs innovative solutions to address its clients’ specific needs to enable them to optimize their manufacturing process in sectors such as energy, transportation, electronics, chemical, pharmaceutical and process industries.

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