

GLASS-TECH FABRIC 200 gr LOOMSTATE

The fabrics in glass GLASS-TECH are part of those flexible insulation products made with the use of glass fiber filaments such as "E". The range of glass fabrics presents a wide range of paper weights and finishes, making themselves liable to respond to the various needs required. The GLASS-TECH fabrics are used in the field of industrial insulation and for protection at high temperatures, they are chemically stable.

Workability

The GLASS-TECH Fabrics due to their characteristics are processed with the use of all those types of cutting equipment: cutters, scissors, punches. Due to their composition can be sewn with textile conventional manual tools, which, with industrial tailoring machines.

Technical characteristics

| CHARACTERISTIC | ACC. TO | VALUE |
|---------------------------------------|--------------------|-----------|
| • Type of fibres | | E-Glass |
| • Filament diameter | | 6 - 15 µm |
| • Application limit | | 450° |
| • Brief peaks up to | | 650° |
| • Colour | | White |
| • Weave | | Plain |
| • Weight (g/m ²) | DIN EN 12127 | 200 |
| • Thickness (mm) | DIN EN ISO 5084 | 0,2 |
| • Yarn count warp/weft (Fd/10 cm) | DIN EN 1049-2 | 163/122 |
| • Tensile strength warp/weft (N/4 cm) | DIN EN ISO 13934-1 | 950/800 |
| • Elongation warp/weft (%) | DIN EN 13934-1 | 2,0/1,4 |
| • Airflow resistance (mks rayl) | ASTM C 522-87 | 1580 |

Features

- Thermal shock resistance
- High insulation and electrical properties
- Low linear shrinkage
- Low thermal conductivity
- No dust
- Excellent properties of resistance to chemical attack
- Good workability

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Application

- Insulation for sewer pipes
- Screens sparking
- Industrial welding
- Personal protective equipment Heat
- Expansion joints and textile compensators with mechanical seal
- Thermal and acoustic insulation
- Insulation for tanks
- Packaging textile systems
- Achievement of blankets fireproof and heat containment
- Insulation turbines , valves , flanges
- Insulating mats

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