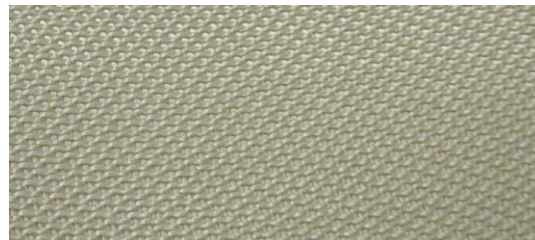


Technical Data Sheet

TEMTEX™ 600/SiI/V



| Description | Non-flammable silica fabric for applications with high temperatures (till ca. 900 °C). | | | |
|-------------------------------------|---|------|----------------------|-------------|
| Applications | - Insulation mattresses | | - Compensators, etc. | |
| Approvals | | | | |
| Characteristics of Temtex 600/SiI/V | | | | Test method |
| Total weight | g / m ² | 600 | ± 30 | DIN 53854 |
| Width (std) | mm | 900 | ± 20 | DIN 53851 |
| Thickness | mm | 0.60 | ± 0.05 | DIN 53855 |
| Roll length (std) | m | 100 | | |
| Max. application temperature | °C | 900 | | |
| Remarks | | | | |

| Fabric structure | | | | |
|--------------------------------|--------------------|-------------------|-----------|---------------|
| | Unit | Data | Tolerance | Test method |
| Base fabric | | Silica (94% min.) | | |
| Weight | g / m ² | 600 | ± 30 | DIN 53854 |
| Weave | | 8 H Satin | | |
| Setting | per cm | 19 x 13 | ± 1 | DIN 53853 |
| Warp | Tex | 26 x 8 | ± 5% | DIN 60850 T 2 |
| Weft | Tex | 26 x 8 | ± 5% | DIN 60850 T 2 |
| Tensile strength (warp x weft) | N/cm | 700 x 500 | | |
| Coating / Finish | | Vermiculite | | |
| Weight | g / m ² | | | |
| 1 of 2 sided | | | | |

Tensile strength data refers to loomstate fabrics. Stability, thickness and surface weight vary according to the type of fabric finish. The given values are approximate and not guaranteed.