



TEMTEX™ 420/PG1



| Description | “Navy” fabric with a protective, fire-resistive, aluminium pigmented coating on one side; abrasion resistant, non-fraying and economical. | | | |
|-----------------------------------|--|------|--------|-------------|
| Applications | - Insulation mattresses - Spark-/welding protection - Flexible joints - Smoke screens etc. | | | |
| Approvals | | | | |
| Characteristics of Temtex 420/PG1 | | | | Test method |
| Total weight | g / m ² | 440 | ± 5% | |
| Width (std) | mm | 1000 | ± 10 | |
| Thickness | mm | 0.35 | ± 0.02 | |
| Roll length (std) | m | 50 | | |
| Max. application temperature | °C | 500 | | |
| Remarks | At 200°C the coating “evaporates”. | | | |

| Fabric structure | | | | |
|--------------------------------|--------------------|---------------------|-----------|---------------|
| | Unit | Data | Tolerance | Test method |
| Base fabric | | E-Glass | | |
| Weight | g / m ² | 420 | ± 5% | DIN 53854 |
| Weave | | Twill 1/3 | | |
| Setting | per cm | 19.0 x 11.0 | ± 3% | DIN 53853 |
| Warp | Tex | EC9-68 S x 2 | ± 5% | DIN 60850 T.2 |
| Weft | Tex | EC9-68 S x 2 | ± 5% | DIN 60850 T.2 |
| Tensile strength (warp x weft) | N/cm | 860 x 500 | | DIN 53857 |
| Coating / Finish | | Polyurethane (grey) | | |
| Weight | g / m ² | 20 | ± 5% | |
| 1 or 2 sided | | 1 | | |

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.