



## TEMTEX™ 420/SR2



| Description                       | <b>“Compensator” glass fabric, two sides coated with a protective, water repellent and chemical-resistant high temperature silicone coating; non-fraying, good resistance to abrasion.</b> |                  |        |             |
|-----------------------------------|--|------------------|--------|-------------|
| Applications                      | - Compensators - Spark-/welding protection<br>- Flexible joints  |                  |        |             |
| Approvals                         |  |                  |        |             |
| Characteristics of Temtex 420/SR2 |  |                  |        | Test method |
| Total weight                      | g / m <sup>2</sup>   | 735              | ± 5%   | DIN 53854   |
| Width (std)                       | mm   | 1300 / 1500      | ± 10   |             |
| Thickness                         | mm   | 0.6              | ± 0.02 | ISO 4603    |
| Roll length (std)                 | m  | 50               |        |             |
| Application temperature           | °C   | -40°C to + 250°C |        |             |
| Remarks                           |  |                  |        |             |

| Fabric structure               |                    |                      |           |               |
|--------------------------------|--------------------|----------------------|-----------|---------------|
|                                | Unit               | Data                 | Tolerance | Test method   |
| <b>Base fabric</b>             |                    | E-Glass              |           |               |
| Weight                         | g / m <sup>2</sup> | 420                  | ± 5%      | DIN 53854     |
| Weave                          |                    | Twill 1/3            |           | DIN 61101-1/2 |
| Setting                        | per cm             | 18.6 x 11.0          | ± 3%      | DIN 53853     |
| Warp                           | Tex                | 136 x 136            | ± 5%      | DIN 60850 T.1 |
| Weft                           | Tex                | 136 x 136            | ± 5%      | DIN 60850 T.1 |
| Tensile strength (warp x weft) | N/cm               | 700 x 600            |           | DIN 53857-1   |
| <b>Coating / Finish</b>        |                    | Silicone (red-brown) |           |               |
| Weight                         | g / m <sup>2</sup> | 160 + 160            | ± 5%      | DIN 53854     |
| 1 or 2 sided                   |                    | 2                    |           |               |

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.