



## TEMTEX™ 800/Alfol



|  |  |                                 |                       |                    |
|--|--|---------------------------------|-----------------------|--------------------|
| Description                                | <b>Heavy square weave glass fabric with a protective, highly reflective and fire-resistant aluminium foil on one side.</b> |                                 |                       |                    |
| Applications                               | - Insulation mattresses  |                                 | - Reflective shields  |                    |
|  | - Gloves   |                                 | - Protective clothing |                    |
| Approvals                                  |  |                                 |                       |                    |
| <b>Characteristics of Temtex 800/Alfol</b> |  |                                 |                       | <b>Test method</b> |
| Total weight                               | g / m <sup>2</sup>   | 870                             | ± 5%                  |                    |
| Width (std)                                | Mm   | 1000                            | ± 10                  | DIN 53851          |
| Thickness                                  | mm   | 0.75                            | ± 0.05                | ISO 4603           |
| Roll length (std)                          | m  | 50                              |                       |                    |
| Max. application temperature               | °C   | Radiation: 1000<br>Contact: 180 |                       |                    |
| Remarks                                    |  |                                 |                       |                    |

| Fabric structure               |                    |                      |           |               |
|--------------------------------|--------------------|----------------------|-----------|---------------|
|                                | Unit               | Data                 | Tolerance | Test method   |
| <b>Base fabric</b>             |                    | E-Glass              |           |               |
| Weight                         | g / m <sup>2</sup> | 800                  | ± 5%      | DIN 53854     |
| Weave                          |                    | Check                |           |               |
| Setting                        | per cm             | 14.0 x 14.0          | ± 3%      | DIN 53853     |
| Warp                           | Tex                | EC13-136 S x 2       | ± 5%      | DIN 60850 T.2 |
| Weft                           | Tex                | EC9-68 S x 4         | ± 5%      | DIN 60850 T.2 |
| Tensile strength (warp x weft) | N/cm               | 1140 x 1140          |           | DIN 53857     |
| <b>Coating / Finish</b>        |                    | Aluminum foil (10 µ) |           |               |
| Weight                         | g / m <sup>2</sup> | 70                   | ± 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.