



## TEMTEX™ 800/Fix



|  |  |      |                   |                    |
|--|--|------|-------------------|--------------------|
| Description                              | <b>Glass fabric treated with a "Weavelock". This "Fix" weavelock, based on a silicic acid, ensures low inflammability (self-extinguishing), good cutting characteristics and resistance to abrasion.</b> |      |                   |                    |
| Applications                             | - Insulation mattresses  |      | - Welding shields |                    |
|  | - Spark-/welding protection  |      | - Etc.            |                    |
| Approvals                                |  |      |                   |                    |
| <b>Characteristics of Temtex 800/Fix</b> |  |      |                   | <b>Test method</b> |
| Total weight                             | g / m <sup>2</sup>   | 815  | ± 5%              |                    |
| Width (std)                              | mm   | 1000 | ± 10              | DIN 53851          |
| Thickness                                | mm   | 0.75 | ± 0.05            |                    |
| Roll length (std)                        | m  | 50   |                   |                    |
| Max. application temperature             | °C   | 500  |                   |                    |
| 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     | ± 10%     | DIN 53857     |
| <b>Coating / Finish</b>        | -                  | Fix (weavelock) |           |               |
| Weight                         | g / m <sup>2</sup> | 15              | ± 5%      |               |
| Single-/double sided           |                    | Impregnated     |           |               |

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.