



Technical datasheet No.: **1051.13**  
**Product:** VALMEX® MESH plus FR  
**Article No.:** 7520 5946

|                                   |  |                   |
|-----------------------------------|--|-------------------|
| <b>Type of coating and finish</b> |  |                   |
| Type of coating                   | <b>PVC</b>   |                   |
| Finish                            | <b>easy print = printable surface enlargend</b>                                      |                   |
| <b>Burning behaviour</b>          |  |                   |
| Burning behaviour                 | <b>D.M. 26.06.84 (UNI 9177): CL. 1, DIN 4102: B1, NFPA 701 Test 2, NFP 92507: M2</b> |                   |
| for Burning behaviour             | <b>always check the validity of fire certificate</b>                                 |                   |
| <b>Total weight</b>               |  |                   |
| Total weight                      | <b>470 g/m<sup>2</sup></b>   | EN ISO 2286-2     |
| <b>Openess factor</b>             |  |                   |
| Openess factor                    | <b>10 %</b>  | PA 12.03 (intern) |
| <b>Tensile strength warp/weft</b> |  |                   |
| Tensile strength warp/weft        | <b>3600 / 3700 N/50 mm</b>   | EN ISO 1421/V1    |
| <b>Tear strength warp/weft</b>    |  |                   |
| Tear strength warp/weft           | <b>580 / 600 N</b>   | DIN 53363         |
| <b>Adhesion</b>                   |  |                   |
| Adhesion                          | <b>14 N/cm</b>   | PA 09.03 (intern) |
| <b>Cold resistance</b>            |  |                   |
| Cold resistance                   | <b>-30 °C</b>  | EN 1876-1         |
| <b>High Temperature</b>           |  |                   |
| High Temperature                  | <b>+70 °C</b>  | PA 07.04 (intern) |
| <b>Translucence</b>               |  |                   |
| Translucence                      | <b>20 %</b>  | at 550 nm         |
| <b>Air permeability</b>           |  |                   |
| Air permeability                  | <b>1400 l/m<sup>2</sup>*sec</b>  | EN ISO 9237       |
| <b>Base fabric</b>                |  |                   |
| <b>Material</b>                   |  |                   |
| Material                          | <b>PES</b>   | DIN EN ISO 2076   |
| <b>Yarn count</b>                 |  |                   |
| Yarn count                        | <b>1100 dtex</b>   | DIN EN ISO 2060   |
| <b>Weave</b>                      |  |                   |
| Weave                             | <b>GK</b>  |                   |

These indicated technical data are based on average results. Due to production procedures deviations up to -5% can occur. All technical data are in accordance with the present standard of knowledge and give product information without legal binding. All data apply to new products. Applications suggested do not release the customer to test material for its intended application.