

Product Data Sheet Item No. 775

Air-Permeable Fabric by the m² (Custom-Made)

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TECHNICAL DATA

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| Available Colors | dark green, blue, anthracite, silver, cream |
| Material | polyethylene, flame-retardant, woven tight |
| Type of Textile | tape/monofilament closesh, air and water permeable |
| Material Diameter | Material Thickness: 1.2 mm |
| Mesh Size | 0.3 x 0.3 mm |
| Production Tolerance | external dimensions: ± 2.5 cm |
| Shading | 90% |
| Edge Design | with reinforced and stitched edges all around (approx. 40 mm wide) |
| Eyelets | inside diameter Ø 16 mm, all around, with chosen spacing (standard every 50 cm), brass eyelets with cream version, stainless steel eyelets with all the other versions |
| Breaking Force | Warp: 1236 N, Weft: 1512 N |
| Breaking Elongation of Filament | 15% |
| Standards and Rules | EN 13501-1 (flame-retarding), classification B-s1 d0, (except creme-colored version) |
| Continuous Operating Temperature | -25 to +80 °C |
| Melting Point | 155 °C |
| Yarn Moisture Regain | 0% |
| Tensile Strength Reduction Because Of Moisture | 0% |
| Resistance to Weak/Strong Acids | very good/good |
| Resistance to Weak/Strong Alkalis | good/good |
| Resistance to Organic Solvents | good |
| Resistance to Benzine and Greases | very good |
| Bending Strength & Abrasion Resistance | good |
| Weather-Resistance | good |
| UV-Resistance | 250 kly |

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| Tensile Strength After Two Years of Climatic Influences | 90% |
| Elasticity After Years of Climatic Influences | good long-term flexibility, no elongation |
| Flexibility When Used in Water | stays flexible |
| Contraction When Used in Water | low contraction |
| Contraction When Used Outside | low contraction |
| Behavior in High Heat / Fire | melting |
| Electrical Characteristics | isolating, no electrical conductivity |
| Customs Tariff No. | 63079010 |
| Area Density | 320 g/m ² |