Product Data Sheet Item No. 775

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

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TECHNICAL DATA

Available Colors	dark green, blue, anthracite, silver, cream
Material	polyethylene, flame-retardant, woven tight
Type of Textile	tape/monofilament closemesh, air and water permeable
Material Diameter	Material Thickness: 116"
Mesh Size	0.01" x 0.01" (164" x 164")
Production Tolerance	external dimensions: ± 1"
Shading	90%
Edge Design	with reinforced and stitched edges all around (approx. 1.12" wide)
Eyelets	inside diameter Ø 58", all around, with chosen spacing (standard every 20"), brass eyelets with cream version, stainless steel eyelets with all the other versions
Breaking Force	Warp: 275 lbf, Weft: 340 lbf.
Breaking Elongation of Filament	15%
Standards and Rules	EN 13501-1 (flame-retarding), classification B-s1 d0, (except creme-colored version)
Continuous Operating Temperature	-10 to +175 °F
Melting Point	311 °F
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

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	9.45 oz/yd²