

# Product Data Sheet Item No. 775

## Screen Netting - 90% Shading Factor - by the m<sup>2</sup> (Custom-Made)

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### TECHNICAL DATA

Available Colors	dark green, blue, anthracite, silver, cream
Material	polyethylene, flame-retardant
Type of Textile	tape/monofilament closeshell, 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 Alkalies	good/good
Resistance to Organic Solvents	good
Resistance to Benzene and Greases	very good
Bending Strength & Abrasion Resistance	good
Weather-Resistance	good
UV-Resistance	250 kly

<b>Tensile Strength After Two Years of Climatic Influences</b>	90%
<b>Elasticity After Years of Climatic Influences</b>	good long-term flexibility, no elongation
<b>Flexibility When Used in Water</b>	stays flexible
<b>Contraction When Used in Water</b>	low contraction
<b>Contraction When Used Outside</b>	low contraction
<b>Behavior in High Heat / Fire</b>	melting
<b>Electrical Characteristics</b>	isolating, no electrical conductivity
<b>Customs Tariff No.</b>	63079010
<b>Area Density</b>	9.45 oz/yd <sup>2</sup>