

**Product Data Sheet Item No. 775**  
**Screen Netting - 90% Shading Factor - by the**  
**m<sup>2</sup> (Custom-Made)**

Schutznetze24 GmbH  
Weyerberg 5, DE-35614 Aßlar-Berghausen  
Phone: +49 (0) 6443 - 436 96 40  
Mail: office@safetynet365.com  
Web: www.safetynet365.com



**TECHNICAL DATA**

|   |  |
|---|--|
| <b>Available Colors</b>                               | dark green, blue, anthracite, silver, cream  |
| <b>Material</b>                                       | polyethylene, flame-retardant  |
| <b>Type of Textile</b>                                | tape/monofilament closesh, air and water permeable   |
| <b>Material Diameter</b>                              | Material Thickness: 116"   |
| <b>Mesh Size</b>                                      | 0.01" x 0.01" (164" x 164")  |
| <b>Production Tolerance</b>                           | external dimensions: ± 1"  |
| <b>Shading</b>  | 90%  |
| <b>Edge Design</b>                                    | with reinforced and stitched edges all around (approx. 1.12" wide)   |
| <b>Eyelets</b>  | 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 |
| <b>Breaking Force</b>                                 | Warp: 275 lbf, Weft: 340 lbf.  |
| <b>Breaking Elongation of Filament</b>                | 15%  |
| <b>Standards and Rules</b>                            | EN 13501-1 (flame-retarding), classification B-s1 d0, (except creme-colored version)   |
| <b>Continuous Operating Temperature</b>               | -10 to +175 °F   |
| <b>Melting Point</b>                                  | 311 °F   |
| <b>Yarn Moisture Regain</b>                           | 0%   |
| <b>Tensile Strength Reduction Because Of Moisture</b> | 0%   |
| <b>Resistance to Weak/Strong Acids</b>                | very good/good   |
| <b>Resistance to Weak/Strong Alkalis</b>              | good/good  |
| <b>Resistance to Organic Solvents</b>                 | good   |
| <b>Resistance to Benzine and Greases</b>              | very good  |
| <b>Bending Strength &amp; Abrasion Resistance</b>     | good   |
| <b>Weather-Resistance</b>                             | good   |
| <b>UV-Resistance</b>                                  | 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>                   |