

# Product Data Sheet Item No. 7753

## Polyethylene Raschel Fabric 3.00 x 32.00 m

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

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| Available Colors  | dark green, blue, anthracite, silver, cream  |
| Dimensions  | 9' 10" x 105'  |
| Material  | polyethylene, flame-retardant, woven tight   |
| Type of Textile   | tape/monofilament closesh, 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   | without edge   |
| 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%  |

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|--|---|
| <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>                            | 60053700                                  |
| <b>Area Density</b>                                  | 9.45 oz/yd <sup>2</sup>                   |
| <b>Total Weight</b>                                  | 68.36 lb                                  |