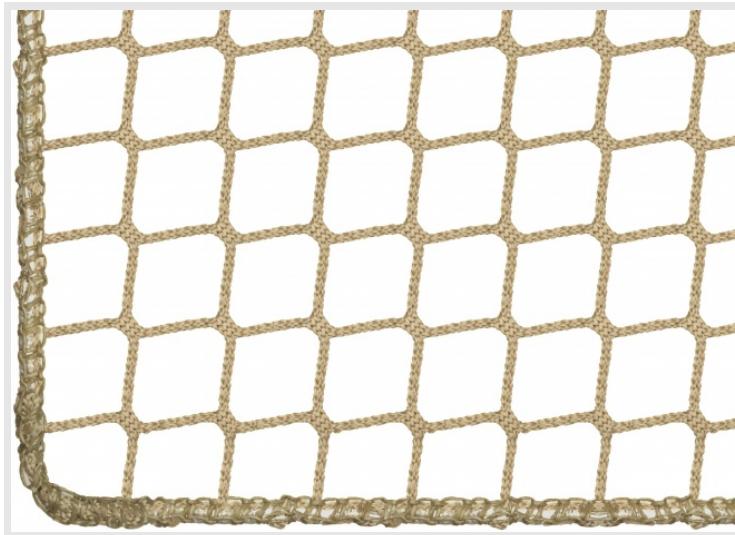


# Product Data Sheet Item No. 212-045

## Stair-Rail Safety Net 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



STANDARD  
100  
12.0.02466  
Hohenstein HTTI

### TECHNICAL DATA

|   |  |
|---|--|
| Available Colors  | green, white, blue, black, anthracite, red, beige (hemp colored) |
| Material  | high tenacity polypropylene, knotless                            |
| Material Diameter                                       | Ø 5.0 mm   |
| Mesh Size   | 45 x 45 mm   |
| Pose of Meshes  | quadratic (square)   |
| Mesh Connection   | knotless braid   |
| Edge Design   | reinforced selvage cord of approx. 7 mm                          |
| Max. Tensile Strength of a Mesh                         | 3200 N   |
| Tensile Breaking Force Referred to Density              | 7.0 cN/den   |
| Breaking Elongation of Filament                         | 15%  |
| Certificate   | Oeko-Tex®; certificate 12.0.02466                                |
| Continuous Operating Temperature                        | -40 to +80 °C  |
| Melting Point   | 165 °C   |
| Washing Temperature (max.)                              | 30 °C  |
| 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/not good  |
| Resistance to Organic Solvents                          | good   |
| Resistance to Benzine and Greases                       | very good  |
| Bending Strength & Abrasion Resistance                  | good   |
| Weather-Resistance                                      | good   |
| UV-Resistance   | 300 kly  |
| Tensile Strength After Two Years of Climatic Influences | 90%  |

|  |   |
|--|---|
| <b>Elasticity After Years of Climatic Influences</b> | good long-term flexibility, little 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>                 | no contraction                                |
| <b>Behavior in High Heat / Fire</b>                  | melting                                       |
| <b>Electrical Characteristics</b>                    | isolating, no electrical conductivity         |
| <b>Customs Tariff No.</b>                            | 56081930                                      |
| <b>Area Density</b>                                  | 400 g/m <sup>2</sup>                          |