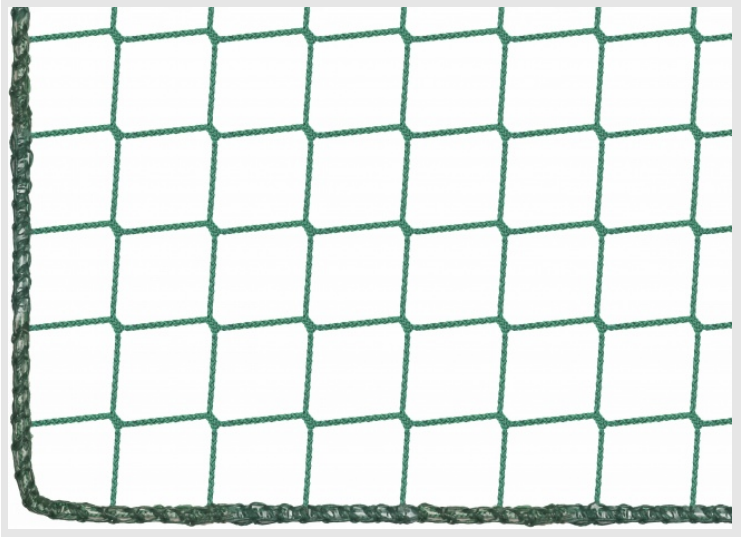
# Product Data Sheet Item No. 209-045

Stair-Rail Safety Net by the m² (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

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|---|---|
| **Available Colors** | green, dark green, white, blue, yellow, black, anthracite, red, beige (hemp colored) |
| **Material** | high tenacity polypropylene, knotless |
| **Material Diameter** | Ø 0.12" (18") |
| **Mesh Size** | 1.8" x 1.8" |
| **Pose of Meshs** | quadratic (square) |
| **Mesh Connection** | knotless braid |
| **Edge Design** | reinforced selvage cord of approx. 14" |
| **Max. Tensile Strength of a Mesh** | 280 lbf |
| **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 +175 °F |
| **Melting Point** | 329 °F |
| **Washing Temperature (max.)** | 80 °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/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% |

| | |
|---|---|
| **Elasticity After Years of Climatic Influences** | good long-term flexibility, little elongation |
| **Flexibility When Used in Water** | stays flexible |
| **Contraction When Used in Water** | low contraction |
| **Contraction When Used Outside** | no contraction |
| **Behavior in High Heat / Fire** | melting |
| **Electrical Characteristics** | isolating, no electrical conductivity |
| **Customs Tariff No.** | 56081930 |
| **Area Density** | 4.40 oz/yd² |