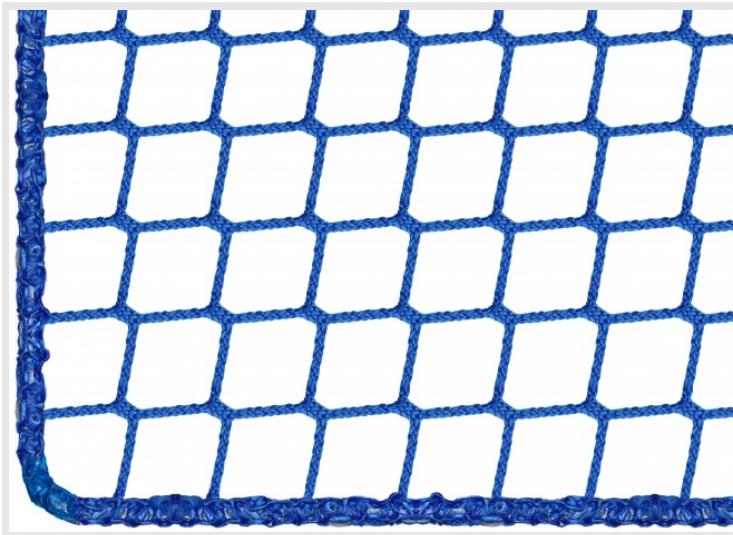


# Product Data Sheet Item No. 212-045

## High Level Rack Safety Net (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

|  |   |
|--|---|
| 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%   |
| Standards and Rules                            | ASR 12/1-3, ASR 17/1,2, DGUV standard 101-011, DGUV rule 108-007 (formerly BG regulation no. 234) |
| Certificate                                    | Oeko-Tex®; certificate 12.0.02466   |
| Regular Inspection Interval                    | 12 months   |
| Number of Test Meshes                          | 3 pcs.  |
| 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 Benzene and Greases              | very good   |

|  |   |
|--|---|
| <b>Bending Strength &amp; Abrasion Resistance</b>              | good  |
| <b>Weather-Resistance</b>                                      | good  |
| <b>UV-Resistance</b>   | 300 kly                                       |
| <b>Tensile Strength After Two Years of Climatic Influences</b> | 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>                          |