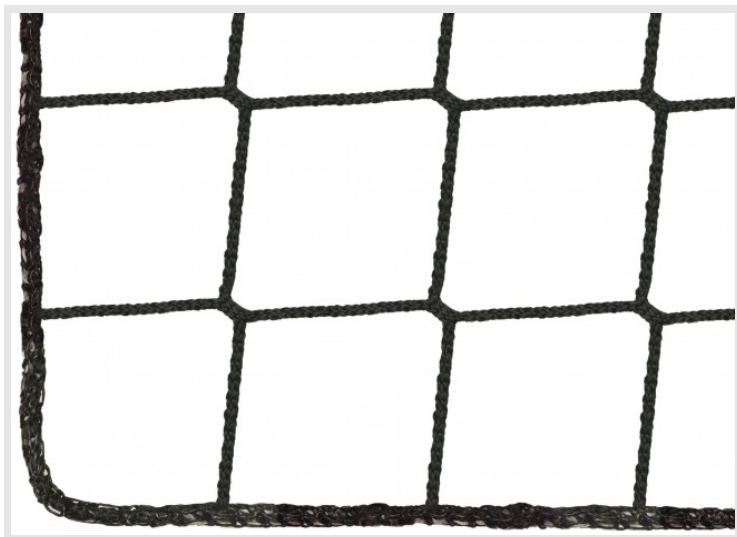


# Product Data Sheet Item No. 212-100

## Rack Safety Net by the m<sup>2</sup> (Custom-Made)

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### TECHNICAL DATA

|  |  |
|--|--|
| Available Colors                               | green, white, orange, blue, yellow, black, anthracite, red, beige (hemp colored) |
| Material                                       | high tenacity polypropylene, knotless  |
| Material Diameter                              | Ø 5.0 mm   |
| Mesh Size                                      | 100 x 100 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 rule 108-007 (formerly BG regulation no. 234)       |
| 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 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  |

|  |   |
|--|---|
| <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>  | 200 g/m <sup>2</sup>                          |