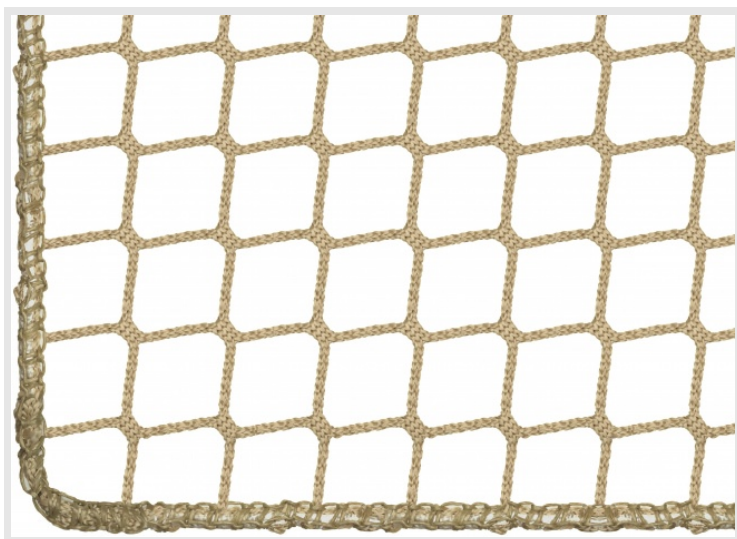


**Product Data Sheet Item No. 212-045**  
**Playground Safety Netting by the m<sup>2</sup>**  
**(Custom-Made)**

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**TECHNICAL DATA**

|  |  |
|--|--|
| <b>Available Colors</b>  | green, white, blue, black, anthracite, red, beige (hemp colored) |
| <b>Material</b>  | high tenacity polypropylene, knotless                            |
| <b>Material Diameter</b>                                       | Ø 0.20" (316")   |
| <b>Mesh Size</b>   | 1.8" x 1.8"  |
| <b>Pose of Meshes</b>  | quadratic (square)   |
| <b>Mesh Connection</b>   | knotless braid   |
| <b>Edge Design</b>   | reinforced selvage cord of approx. 14"                           |
| <b>Max. Tensile Strength of a Mesh</b>                         | 720 lbf  |
| <b>Tensile Breaking Force Referred to Density</b>              | 7.0 cN/den   |
| <b>Breaking Elongation of Filament</b>                         | 15%  |
| <b>Certificate</b>   | Oeko-Tex&reg; certificate 12.0.02466                             |
| <b>Continuous Operating Temperature</b>                        | -40 to +175 °F   |
| <b>Melting Point</b>   | 329 °F   |
| <b>Washing Temperature (max.)</b>                              | 80 °F  |
| <b>Yarn Moisture Regain</b>                                    | 0%   |
| <b>Tensile Strength Reduction Because Of Moisture</b>          | 0%   |
| <b>Resistance to Weak/Strong Acids</b>                         | very good/good   |
| <b>Resistance to Weak/Strong Alkalis</b>                       | good/not good  |
| <b>Resistance to Organic Solvents</b>                          | good   |
| <b>Resistance to Benzine and Greases</b>                       | 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>                                  | 11.80 oz/yd <sup>2</sup>                      |