

# Product Data Sheet Item No. 20030-100

## Fall Safety Net 5.00 x 10.00 m with Thimble Hooks

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### TECHNICAL DATA

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| Available Colors                           | green, black, fastest availability   |
| Dimensions                                 | 5.00 x 10.00 m   |
| Material                                   | high tenacity polypropylene, knotless  |
| Material Diameter                          | Ø 5.0 mm   |
| Mesh Size                                  | 100 x 100 mm   |
| Pose of Meshs                              | quadratic (square)   |
| Mesh Connection                            | knotless braid   |
| Edge Design                                | reinforced selvage cord of approx. 9 mm, with edged rope, with thimble hooks out of steel every 2.50 m |
| Edged Rope                                 | polysteel rope (Ø 12 mm, white), all around  |
| Max. Tensile Strength of a Mesh            | 3200 N   |
| Energy Absorption (approx.)                | 4.8 kJ   |
| Tensile Strength of Edged Rope             | 30 kN  |
| Tensile Breaking Force Referred to Density | 7.0 cN/den   |
| Breaking Elongation of Filament            | 15%  |
| Standards and Rules                        | BG regulation no. 179, DGUV standard 101-011, EN 1263-1  |
| Certificate                                | GS verification certificate 23100030, Oeko-Tex&reg; certificate 12.0.02466                             |
| Net Class                                  | A2   |
| Safety Net System                          | S (rope-edged safety net)  |
| Regular Inspection Interval                | 12 months  |
| Number of Test Meshes                      | 3 pcs.   |
| Continuous Operating Temperature           | -40 to +80 °C  |
| Melting Point                              | 165 °C   |

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| <b>Washing Temperature (max.)</b>                              | 30 °C   |
| <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>  | 275 g/m <sup>2</sup>                          |
| <b>Total Weight</b>  | 13.90 kg                                      |