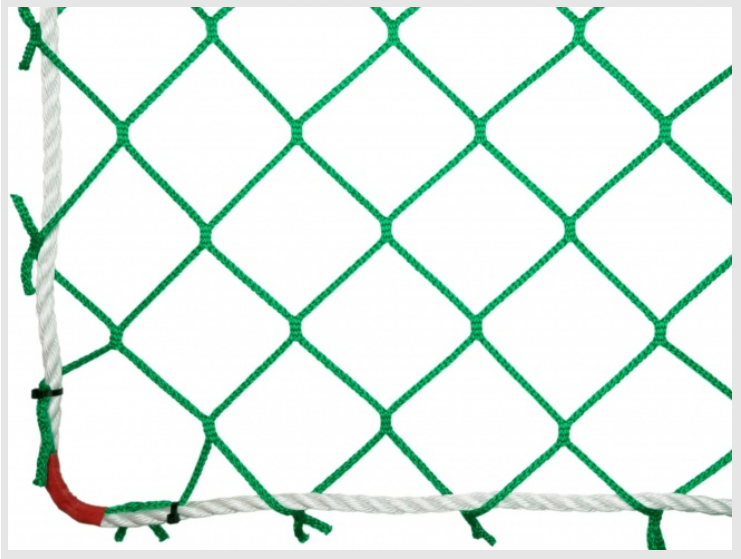
# Product Data Sheet Item No. 18046-100

Fall Safety Net 12.50 x 25.50 m (Diagonal Meshes)

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## TECHNICAL DATA

| | |
|---|---|
| **Available Colors** | green |
| **Dimensions** | 12.50 x 25.50 m |
| **Material** | high tenacity polypropylene, knotless |
| **Material Diameter** | Ø 4.75 mm |
| **Mesh Size** | 100 x 100 mm |
| **Pose of Meshes** | rhombic (diamond mesh) |
| **Mesh Connection** | knotless braid |
| **Edge Design** | with edged rope |
| **Edged Rope** | polysteel rope (Ø 12 mm, white), all around |
| **Max. Tensile Strength of a Mesh** | 3000 N |
| **Energy Absorption (approx.)** | 5.0 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 23100031, Oeko-Tex® 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 |
| **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 |
| **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** | 275 g/m² |
| **Total Weight** | 62.00 kg |