Product Data Sheet Item No. 2103-045

Fall Safety Net by the m2 (Custom-Made) with Suspension Ropes

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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 Meshs quadratic (square) Mesh Connection knotless braid Edge Design reinforced selvage cord of approx. 9 mm, with edged rope, with suspension ropes every 2.50 m (respectively 2.50 m long, Type L, PA Ø12 mm, with spliced loop) **Edged Rope** polysteel rope (Ø 12 mm, white), all around Max. Tensile Strength of a Mesh 3200 N **Energy Absorption (approx.)** 9.0 kJ Tensile Strength of Edged Rope 30 kN **Tensile Strength of Suspension Ropes** 30 kN Tensile Breaking Force Referred to Density 7.0 cN/den **Breaking Elongation of Filament** 15% Standards and Rules BG regulation no. 179, EN 1263-1 Certificate GS verification certificate 23100027, Oeko-Tex® certificate 12.0.02466 Net Class B1 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	475 g/m²