## Product Data Sheet Item No. 21030-100

Fall Safety Net 5.00 x 10.00 m with Suspension Ropes

Schutznetze24 GmbH Weyerberg 5, DE-35614 Aßlar-Berghausen Phone: +49 (0) 6443 - 436 96 40 Mail: office@safetynet365.com Web: www.safetynet365.com











## **TECHNICAL DATA** Available Colors green, black, fastest availability **Dimensions** 16' 5" x 32' 10" Material high tenacity polypropylene, knotless Material Diameter Ø 0.20" (316") Mesh Size 4.0" x 4.0" Pose of Meshs quadratic (square) Mesh Connection knotless braid Edge Design reinforced selvage cord of approx. 38", with edged rope, with suspension ropes every 8' (respectively 8' m long, Type M, PA Ø 12" black, without loop) polysteel rope (Ø 12", white), all around **Edged Rope** Max. Tensile Strength of a Mesh 720 lbf 4.8 kJ **Energy Absorption (approx.)** Tensile Strength of Edged Rope 6,700 lbf **Tensile Strength of Suspension Ropes** 6,700 lbf 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® 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. -40 to +175 °F **Continuous Operating Temperature**

Melting Point	329 °F
Washing Temperature (max.)	80 °F
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	8.10 oz/yd²
Total Weight	32.19 lb