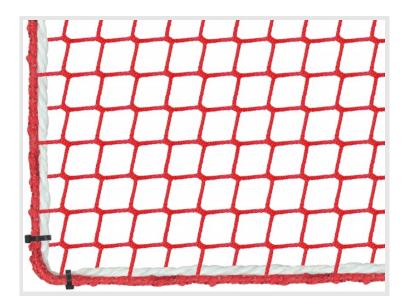
Product Data Sheet Item No. 1903-045

Fall Safety Net by the m² (Custom-Made)

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









Available Colors green, white, blue, black, anthracite, red, beige (hemp colored) 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 Edged Rope polysteel rope (Ø 12 mm, white), all around Max. Tensile Strength of a Mesh 3200 N Energy Absorption (approx.) 9.0 kJ	
Material DiameterØ 5.0 mmMesh Size45 x 45 mmPose of Meshsquadratic (square)Mesh Connectionknotless braidEdge Designreinforced selvage cord of approx. 9 mm, with edged ropeEdged Ropepolysteel rope (Ø 12 mm, white), all aroundMax. Tensile Strength of a Mesh3200 NEnergy Absorption (approx.)9.0 kJ	
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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, DGUV information 201-010 (formerly BG	I 662),
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