Product Data Sheet Item No. 2103-045

TECHNICAL DATA

Breaking Elongation of Filament

Standards and Rules

Safety Net System

Regular Inspection Interval

Certificate

Net Class

Available Colors

Material

Fall Safety Net by the m2 (Custom-Made) 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











Material Diameter Ø 0.20" (316") Mesh Size 1.8" x 1.8" Pose of Meshes quadratic (square) Mesh Connection knotless braid Edge Design reinforced selvage cord of approx. 38", with edged rope, with suspension ropes every 8' (respectively 8' long, Type L, PA Ø 12", with spliced loop) **Edged Rope** polysteel rope (Ø 12", white), all around Max. Tensile Strength of a Mesh 720 lbf **Energy Absorption (approx.)** 9.0 kJ 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

BG regulation no. 179, EN 1263-1

S (rope-edged safety net)

GS verification certificate 23100027, Oeko-Tex® certificate 12.0.02466

15%

B1

12 months

high tenacity polypropylene, knotless

green, white, blue, black, anthracite, red, beige (hemp colored)

Continuous Operating Temperature -40 to +175 °F

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	14.00 oz/yd²