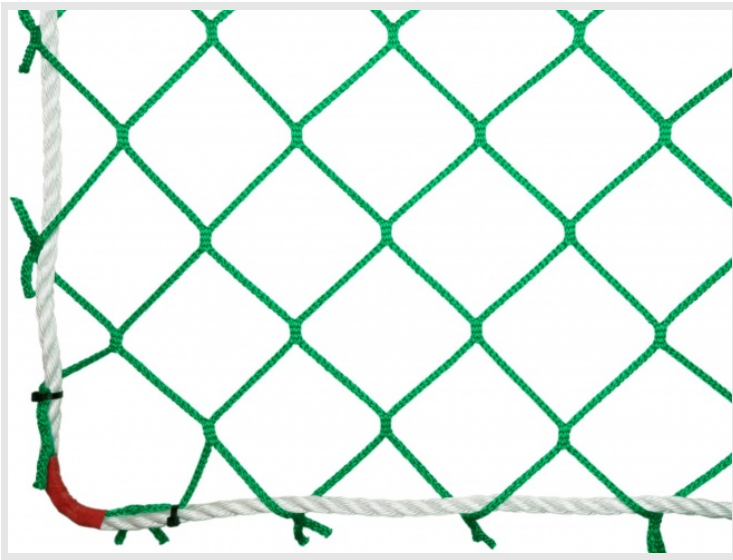


# Product Data Sheet Item No. 18040-100

## Fall Safety Net 5.00 x 10.00 m (Diagonal Meshes)

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### TECHNICAL DATA

Available Colors	green
Dimensions	5.00 x 10.00 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/m <sup>2</sup>
Total Weight	10.55 kg