Product Data Sheet Item No. 1903-100

Ski Slope Safety Net S1 by the m² (Custom-Made)

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Available Colors	orange, red
Material	high tenacity polypropylene, knotless
Material Diameter	Ø 5.0 mm
Mesh Size	100 x 100 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.)	4.8 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	EN 1263-1, NF S 52-106
Certificate	Oeko-Tex® certificate 12.0.02466
Net Class	A2
Safety Net System	S1 (rigid posts)
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

very good
good
good
300 kly
90%
good long-term flexibility, little elongation
stays flexible
low contraction
no contraction
melting
isolating, no electrical conductivity
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275 g/m²