

# Product Data Sheet Item No. 3000-100

## Ski Slope Safety Net S2 by the m<sup>2</sup> (Custom-Made)

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### TECHNICAL DATA

Available Colors	orange, red
Material	high tenacity polypropylene, knotless
Material Diameter	Ø 5.0 mm
Mesh Size	100 x 100 mm
Pose of Meshes	quadratic (square)
Mesh Connection	knotless braid
Edge Design	reinforced selvage cord of approx. 9 mm, with integral surround rope (sewn)
Max. Tensile Strength of a Mesh	3200 N
Energy Absorption (approx.)	4.6 kJ
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	S2 (flexible 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 Alkalies	good/not good
Resistance to Organic Solvents	good
Resistance to Benzene and Greases	very good
Bending Strength & Abrasion Resistance	good

<b>Weather-Resistance</b>	good
<b>UV-Resistance</b>	300 kly
<b>Tensile Strength After Two Years of Climatic Influences</b>	90%
<b>Elasticity After Years of Climatic Influences</b>	good long-term flexibility, little elongation
<b>Flexibility When Used in Water</b>	stays flexible
<b>Contraction When Used in Water</b>	low contraction
<b>Contraction When Used Outside</b>	no contraction
<b>Behavior in High Heat / Fire</b>	melting
<b>Electrical Characteristics</b>	isolating, no electrical conductivity
<b>Customs Tariff No.</b>	56081930
<b>Area Density</b>	250 g/m <sup>2</sup>
<b>Total Weight</b>	0.00 kg