Product Data Sheet Item No. 3000-070

Ski Slope Safety Net S2 by the m² (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	70 x 70 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	3000 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 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	325 g/m²