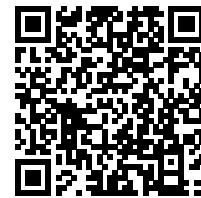


# Product Data Sheet Item No. 1741-100

## Custom-made Light Dome Safety Net

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### TECHNICAL DATA

Available Colors	green
Material	high tenacity polypropylene, knotless
Material Diameter	Ø 4.75 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 integrated ratchet strap
Max. Tensile Strength of a Mesh	3000 N
Permissible Tensile Force	belt strap: 2000 daN
Energy Absorption (approx.)	4.8 kJ
Minimum Tensile Load of Test Mesh	38 J
Tensile Breaking Force Referred to Density	7.0 cN/den
Breaking Elongation of Filament	15%
Standards and Rules	EN 795, EN 1263-1
Certificate	DEKRA certificate ZQS/B341/15, (DEKRA certificate only applies to nets with lateral lengths between 2.00 and 3.00 m), EC type examination certificate with CE-marking (CE 0158), 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%

<b>Tensile Strength Reduction Because Of Moisture</b>	0%
<b>Resistance to Weak/Strong Acids</b>	very good/good
<b>Resistance to Weak/Strong Alkalies</b>	good/not good
<b>Resistance to Organic Solvents</b>	good
<b>Resistance to Benzene and Greases</b>	very good
<b>Bending Strength &amp; Abrasion Resistance</b>	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>Application</b>	temporary fall protection and stop mechanism for one person
<b>Customs Tariff No.</b>	56081930