

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 0.19" (316")
Mesh Size	4.0" x 4.0"
Pose of Meshes	quadratic (square)
Mesh Connection	knotless braid
Edge Design	reinforced selvage cord of approx. 38", with integrated ratchet strap
Max. Tensile Strength of a Mesh	670 lbf
Permissible Tensile Force	belt strap: 4,500 lbf
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 6.5' and 9.9' 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 +175 °F
Melting Point	329 °F
Washing Temperature (max.)	80 °F
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
Application	temporary fall protection and stop mechanism for one person
Customs Tariff No.	56081930