Product Data Sheet Item No. 1903-100/7420x/35000

Safety Net with Overlay Panel (100 mm Mesh, Light Woven Fabric)

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TECHNICAL DATA

Material	high tenacity polypropylene, knotless, polyethylene
Type of Textile	high density polyethylene tape, monofilament polypropylene, air and water permeable
Material Diameter	Ø 5.0 mm
Mesh Size	2 x 3 mm, 100 x 100 mm
Pose of Meshes	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	3000 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	BG regulation no. 179, DGUV standard 101-011, EN 1263-1
Certificate	GS verification certificate 23100030, 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.
Washing Temperature (max.)	30 °C
Yarn Moisture Regain	0%
Tensile Strength Reduction Because Of Moisture	0%
Weather-Resistance	good
UV-Resistance	300 kly

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
Electrical Characteristics	isolating, no electrical conductivity
Customs Tariff No.	56081930
Area Density	375 g/m²