Product Data Sheet Item No. 1903-045/340/35000

Safety Net with Overlay Panel (45 mm Mesh, Airtight Tarpaulin)

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TECHNICAL DATA

Material	high tenacity polypropylene, knotless, polyethylene
Type of Textile	HDPE tarpaulin with LDPE coating
Material Diameter	Ø 5.0 mm
Mesh Size	45 x 45 mm
Pose of Meshes	quadratic (square)
Mesh Connection	knotless braid
Wind Reduction	100%
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.)	9.0 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 23100027, Oeko-Tex® certificate 12.0.02466
Net Class	B1
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	675 g/m²