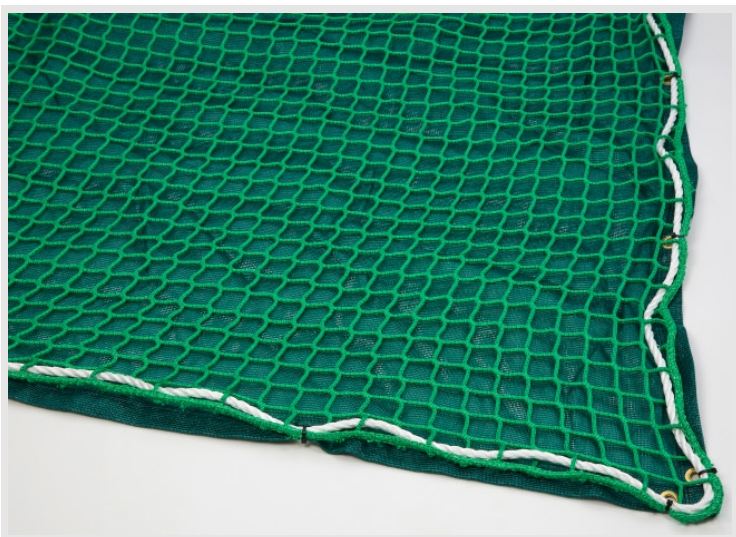


Product Data Sheet Item No. 1903-045/720/35000

Wind Turbine Safety Net with Overlay Panel (45 mm Mesh)

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TECHNICAL DATA

Material	high tenacity polypropylene, knotless, polyethylene
Type of Textile	closemesh fabric panels, air and water permeable
Material Diameter	Ø 5.0 mm
Mesh Size	1 x 3 mm, 45 x 45 mm
Pose of Meshs	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	3200 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