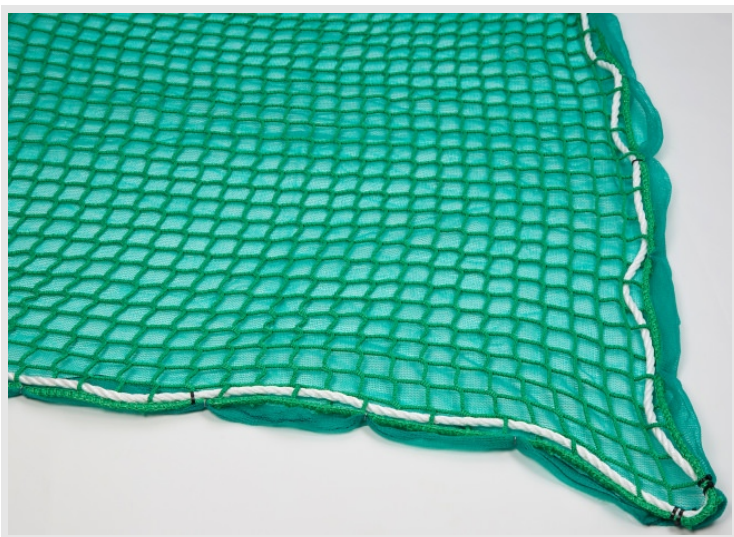


# Product Data Sheet Item No. 1903-045/7420x/35000

Safety Net with Overlay Panel (45 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, 45 x 45 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	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**                                              575 g/m<sup>2</sup>