

# Product Data Sheet Item No. 1903-045/2007-020

## Safety Net with Overlay Net (45 mm Mesh)

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### TECHNICAL DATA

Material	high tenacity polypropylene, knotless
Material Diameter	Ø 1.8 mm, Ø 5.0 mm
Mesh Size	20 x 20 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&reg; 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

<b>Flexibility When Used in Water</b>	stays flexible
<b>Contraction When Used in Water</b>	low contraction
<b>Contraction When Used Outside</b>	no contraction
<b>Electrical Characteristics</b>	isolating, no electrical conductivity
<b>Customs Tariff No.</b>	56081930
<b>Area Density</b>	605 g/m <sup>2</sup>