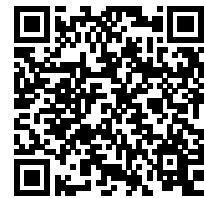
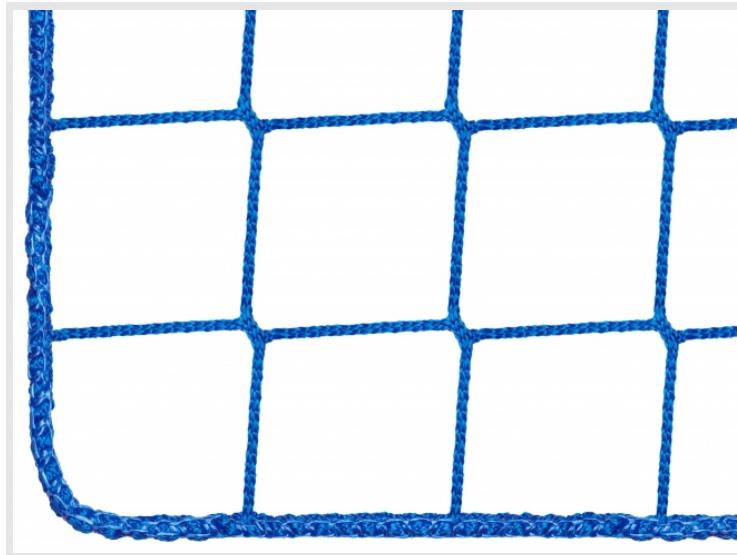


# Product Data Sheet Item No. 3001-100

Guardrail Net 1.50 x 5.00 m

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## TECHNICAL DATA

Available Colors	green, blue, red, fastest availability
Dimensions	4' 11" x 16' 5"
Material	high tenacity polypropylene, knotless
Material Diameter	Ø 0.20" (316")
Mesh Size	4.0" x 4.0"
Pose of Meshes	quadratic (square)
Mesh Connection	knotless braid
Edge Design	reinforced selvage cord of approx. 38", with integral surround rope (sewn)
Max. Tensile Strength of a Mesh	720 lbf
Energy Absorption (approx.)	4.6 kJ
Tensile Breaking Force Referred to Density	7.0 cN/den
Breaking Elongation of Filament	15%
Standards and Rules	BG regulation no. 179, DGUV information 101-011, DGUV information 201-023, EN 1263-1
Certificate	DGUV Eurotest verification certificate 24100004, Oeko-Tex®; certificate 12.0.02466
Net Class	A2
Safety Net System	U (safety net in load-bearing construction for vertical use)
Regular Inspection Interval	12 months
Number of Test Meshes	3 pcs.
Continuous Operating Temperature	-40 to +175 °F
Melting Point	329 °F
Washing Temperature (max.)	80 °F
Yarn Moisture Regain	0%
Tensile Strength Reduction Because Of Moisture	0%

<b>Resistance to Weak/Strong Acids</b>	very good/good
<b>Resistance to Weak/Strong Alkalies</b>	good/not good
<b>Resistance to Organic Solvents</b>	good
<b>Resistance to Benzene and Greases</b>	very good
<b>Bending Strength &amp; Abrasion Resistance</b>	good
<b>Weather-Resistance</b>	good
<b>UV-Resistance</b>	300 kly
<b>Tensile Strength After Two Years of Climatic Influences</b>	90%
<b>Elasticity After Years of Climatic Influences</b>	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>Behavior in High Heat / Fire</b>	melting
<b>Electrical Characteristics</b>	isolating, no electrical conductivity
<b>Customs Tariff No.</b>	56081930
<b>Area Density</b>	7.35 oz/yd <sup>2</sup>
<b>Total Weight</b>	3.86 lb