## Product Data Sheet Item No. 3008-045GSV

Guardrail Net 2.00 x 10.00 m with Quick-Release Straps

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TECHNICAL DATA	
Available Colors	green, blue, red, fastest availability
Dimensions	6' 7" x 32' 10"
Material	high tenacity polypropylene, knotless
Material Diameter	Ø 0.20" (316")
Mesh Size	1.8" x 1.8"
Pose of Meshes	quadratic (square)
Mesh Connection	knotless braid
Edge Design	reinforced selvage cord of approx. 38", with integral surround rope and sewn straps with self
	locking buckle (at an interval of 30" max., length approx. 20"
Max. Tensile Strength of a Mesh	720 lbf
Energy Absorption (approx.)	9.0 kJ
Tensile Strength of Buckle Straps	breaking load when used as restraint: 1,100 lbf
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 24100005, Oeko-Tex® certificate 12.0.02466
Net Class	B1
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%
Resistance to Weak/Strong Acids	very good/good
Resistance to Weak/Strong Alkalis	good/not good
Resistance to Organic Solvents	good
Resistance to Benzine and Greases	very good
Bending Strength & Abrasion Resistance	good
Weather-Resistance	good
UV-Resistance	300 kly
Tensile Strength After Two Years of Climatic Influences	90%
Elasticity After Years of Climatic Influences	good long-term flexibility, little elongation
Elasticity After Years of Climatic Influences Flexibility When Used in Water	good long-term flexibility, little elongation stays flexible
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Flexibility When Used in Water	stays flexible
Flexibility When Used in Water  Contraction When Used in Water	stays flexible low contraction
Flexibility When Used in Water  Contraction When Used in Water  Contraction When Used Outside	stays flexible low contraction no contraction
Flexibility When Used in Water  Contraction When Used in Water  Contraction When Used Outside  Behavior in High Heat / Fire	stays flexible low contraction no contraction melting
Flexibility When Used in Water  Contraction When Used in Water  Contraction When Used Outside  Behavior in High Heat / Fire  Electrical Characteristics	stays flexible low contraction no contraction melting isolating, no electrical conductivity