Product Data Sheet Item No. 4316-500

Climbing Net by the m² (Custom-Made)

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EN1176

TECHNICAL DATA

Available Colors	red, green, turquoise, orange, orange, fluorescent, blue, yellow, black, grey, fuchsia, beige (hemp colored), red/green/yellow/blue
Material	hercules rope [6 steel cables (Ø 2.4 mm), covered with polyester (Ø 5.4 mm), polypropylene core (Ø 8.3 mm)], cut resistant
Material Diameter	Ø 16.0 mm
Mesh Size	500 x 500 mm
Pose of Meshes	quadratic (square)
Mesh Connection	plastic knot system (HDPE, Ø 48 mm)
Edge Design	pressure-grouted or screwed fastening equipment according to choice
Breaking Force	minimum breaking force of rope: 42.0 kN, nominal tensile strength: 16 N/mm²
Standards and Rules	EN 1176
Continuous Operating Temperature	-40 to +100 °C
Melting Point	260 °C
Yarn Moisture Regain	0.5 to 2.0%
Tensile Strength Reduction Because Of Moisture	0%
Resistance to Weak/Strong Acids	good/not good
Resistance to Weak/Strong Alkalis	good/good
Resistance to Organic Solvents	good
Resistance to Benzine and Greases	good
Bending Strength & Abrasion Resistance	good
Weather-Resistance	good
UV-Resistance	250 kly
Tensile Strength After Two Years of Climatic Influences	90%
Electrical Characteristics	isolating coating, electrically conducting core

Impregnation	acrylic resin polymer dispersion
Customs Tariff No.	95069990