

# Product Data Sheet Item No. 4316-125

## Climbing Net by the m<sup>2</sup> (Custom-Made)

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### TECHNICAL DATA

<b>Available Colors</b>	beige (hemp colored), green, turquoise, orange, orange, fluorescent, blue, yellow, black, grey, red, fuchsia, red/green/yellow/blue
<b>Material</b>	hercules rope [6 steel cables (Ø 2.4 mm), covered with polyester (Ø 5.4 mm), polypropylene core (Ø 8.3 mm)], cut resistant
<b>Material Diameter</b>	Ø 16.0 mm
<b>Mesh Size</b>	125 x 125 mm
<b>Pose of Meshes</b>	quadratic (square)
<b>Mesh Connection</b>	plastic knot system (HDPE, Ø 48 mm)
<b>Edge Design</b>	pressure-grouted or screwed fastening equipment according to choice
<b>Breaking Force</b>	minimum breaking force of rope: 42.0 kN, nominal tensile strength: 16 N/mm <sup>2</sup>
<b>Standards and Rules</b>	EN 1176
<b>Continuous Operating Temperature</b>	-40 to +100 °C
<b>Melting Point</b>	260 °C
<b>Yarn Moisture Regain</b>	0.5 to 2.0%
<b>Tensile Strength Reduction Because Of Moisture</b>	0%
<b>Resistance to Weak/Strong Acids</b>	good/not good
<b>Resistance to Weak/Strong Alkalis</b>	good/good
<b>Resistance to Organic Solvents</b>	good
<b>Resistance to Benzine and Greases</b>	good
<b>Bending Strength &amp; Abrasion Resistance</b>	good
<b>Weather-Resistance</b>	good
<b>UV-Resistance</b>	250 kly
<b>Tensile Strength After Two Years of Climatic Influences</b>	90%
<b>Electrical Characteristics</b>	isolating coating, electrically conducting core

**Impregnation**

acrylic resin polymer dispersion

**Customs Tariff No.**

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