

**Product Data Sheet Item No. 4316-400**  
**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 18", covered with polyester Ø 14", polypropylene core Ø 516"), cut resistant
<b>Material Diameter</b>	Ø 0.63" (58")
<b>Mesh Size</b>	16.0" x 16.0"
<b>Pose of Meshes</b>	quadratic (square)
<b>Mesh Connection</b>	plastic knot system (HDPE, Ø 2")
<b>Edge Design</b>	pressure-grouted or screwed fastening equipment according to choice
<b>Breaking Force</b>	minimum breaking force of rope: 9,400 lbf, nominal tensile strength: 2,320 psi
<b>Standards and Rules</b>	EN 1176
<b>Continuous Operating Temperature</b>	-40 to +212 °F
<b>Melting Point</b>	500 °F
<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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