

# Product Data Sheet Item No. 4316-400

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

Schutznetze24 GmbH  
Weyerberg 5, DE-35614 Aßlar-Berghausen  
Phone: +49 (0) 6443 - 436 96 40  
Mail: [office@safetynet365.com](mailto:office@safetynet365.com)  
Web: [www.safetynet365.com](http://www.safetynet365.com)



### TECHNICAL DATA

Available Colors	beige (hemp colored), green, turquoise, orange, orange, fluorescent, blue, yellow, black, grey, red, fuchsia, red/green/yellow/blue
Material	hercules rope (6 steel cables Ø 18", covered with polyester Ø 14", polypropylene core Ø 516"), cut resistant
Material Diameter	Ø 0.63" (58")
Mesh Size	16.0" x 16.0"
Pose of Meshs	quadratic (square)
Mesh Connection	plastic knot system (HDPE, Ø 2")
Edge Design	pressure-grouted or screwed fastening equipment according to choice
Breaking Force	minimum breaking force of rope: 9,400 lbf, nominal tensile strength: 2,320 psi
Standards and Rules	EN 1176
Continuous Operating Temperature	-40 to +212 °F
Melting Point	500 °F
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
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Customs Tariff No.	95069990
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