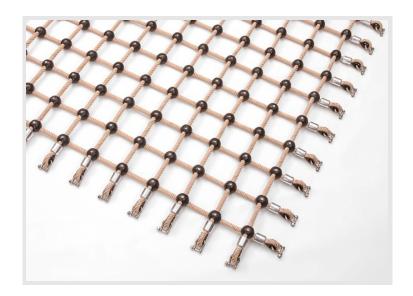
## Product Data Sheet Item No. 4316-125

Climbing Net by the m² (Custom-Made)

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Available Colors beige (hemp colored), green, turquoise, orange, fluorescent, blue, yellow, black, grey, red, fuchsia, 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 125 x 125 mm  Pose of Meshs quadratic (square)  Mesh Connection plastic knot system (HDPE, Ø 48 mm)  Edge Design proce 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 Alkalis good/good  Resistance to Weak/Strong Alkalis good/good  Resistance to Benzine and Greases good  Bending Strength & Abrasion Resistance good  Weather-Resistance benzine and Greases good  Weather-Resistance good  Weather-Resistance good  UV-Resistance to Strength After Two Years of Climatic Influences gooding, electrically conducting core	TECHNICAL DATA	
Material         hercules rope [6 steel cables (Ø 2.4 mm), covered with polyester (Ø 5.4 mm), polypropylene core           Material Diameter         Ø 16.0 mm           Mesh Size         125 x 125 mm           Pose of Meshs         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 Molsture Regain         0.5 to 2.0%           Tensile Strength Reduction Because Of Moisture         0%           Resistance to Weak/Strong Acids         good/good           Resistance to Weak/Strong Alkalis         good/good           Resistance to Organic Solvents         good           Bending Strength & Abrasion Resistance         good           Weather-Resistance         good           UV-Resistance         250 kly           Tensile Strength After Two Years of Climatic Influences         90%	Available Colors	beige (hemp colored), green, turquoise, orange, orange, fluorescent, blue, yellow, black, grey, red,
Material Diameter Ø 16.0 mm  Mesh Size 125 x 125 mm  Pose of Meshs 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/good  Resistance to Weak/Strong Alkalis good/good  Resistance to Organic Solvents good  Meather-Resistance Meather and Greases good  Weather-Resistance good  Weather-Resistance 9000  UV-Resistance 5000 Elimatic Influences 90%		fuchsia, red/green/yellow/blue
Material Diameter Ø 16.0 mm  Mesh Size 125 x 125 mm  Pose of Meshs 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  Bending Strength & Abrasion Resistance good  Weather-Resistance good  Weather-Resistance 250 kly  Tensile Strength After Two Years of Climatic Influences 90%	Material	hercules rope [6 steel cables (Ø 2.4 mm), covered with polyester (Ø 5.4 mm), polypropylene core
Mesh Size Pose of Meshs 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 good/not good Resistance to Weak/Strong Acids good/good  Resistance to Organic Solvents good  Bending Strength & Abrasion Resistance good  UV-Resistance  250 kly  Tensile Strength After Two Years of Climatic Influences 90%		(Ø 8.3 mm)], cut resistant
Pose of Meshs  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  Bending Strength & Abrasion Resistance  good  Weather-Resistance  UV-Resistance  250 kly  Tensile Strength After Two Years of Climatic Influences  90%	Material Diameter	Ø 16.0 mm
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  Bending Strength & Abrasion Resistance good  Weather-Resistance good  UV-Resistance 250 kly  Tensile Strength After Two Years of Climatic Influences 90%	Mesh Size	125 x 125 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/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%	Pose of Meshs	quadratic (square)
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%	Mesh Connection	plastic knot system (HDPE, Ø 48 mm)
Standards and Rules  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  Resistance to Weak/Strong Acids  good/not good  Resistance to Weak/Strong Alkalis  good/good  Resistance to Organic Solvents  good  Bending Strength & Abrasion Resistance  good  Weather-Resistance  good  UV-Resistance  250 kly  Tensile Strength After Two Years of Climatic Influences	Edge Design	pressure-grouted or screwed fastening equipment according to choice
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  UV-Resistance 250 kly  Tensile Strength After Two Years of Climatic Influences	Breaking Force	minimum breaking force of rope: 42.0 kN, nominal tensile strength: 16 N/mm²
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%	Standards and Rules	EN 1176
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%	Continuous Operating Temperature	-40 to +100 °C
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%	Melting Point	260 °C
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%	Yarn Moisture Regain	0.5 to 2.0%
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%	Tensile Strength Reduction Because Of Moisture	0%
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%	Resistance to Weak/Strong Acids	good/not 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%	Resistance to Weak/Strong Alkalis	good/good
Bending Strength & Abrasion Resistance good  Weather-Resistance good  UV-Resistance 250 kly  Tensile Strength After Two Years of Climatic Influences 90%	Resistance to Organic Solvents	good
Weather-Resistance good  UV-Resistance 250 kly  Tensile Strength After Two Years of Climatic Influences 90%	Resistance to Benzine and Greases	good
UV-Resistance 250 kly Tensile Strength After Two Years of Climatic Influences 90%	Bending Strength & Abrasion Resistance	good
Tensile Strength After Two Years of Climatic Influences 90%	Weather-Resistance	good
	UV-Resistance	250 kly
Electrical Characteristics isolating coating, electrically conducting core	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

Version: 15.08.2025 - This version replaces all previous versions