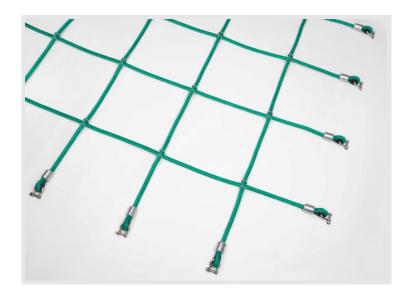
## Product Data Sheet Item No. 4516-350

Horizontal Climbing Net with Stainless Steel Clamps by the m<sup>2</sup>

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Available Colors         green, traquoise, orange, fluorescent, blue, yellow, black, grey, red, fuchsia, beige (herber 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         350 x 350 mm           Pose of Meshs         quadratic (square)           Besh Connection         stainless steel clips           Edge Design         presure-grouted or screwed fastening equipment according to choice           Braking Force         minimum breaking force of rope: 42.0 kN, nominal tensile strength: 16 Nmm²           Continuous Operating Temperature         40 to +100°C           Metting Point         360°C           Yarn Moisture Regain         0 5to 2.0%           Resistance to Weak/Strong Alkalis         9 cod/doct           Resistance to Weak/Strong Alkalis         9 cod/doct           Resistance to Organic Solvents         9 cod           Bedding Strength & Abrasion Resistance         9 cod           Weather-Resistance         9 cod           Uv-Resistance         9 cod           Bestistance to Benzine and Greases         9 cod           Weather-Resistance         9 cod           Weather-Resistance         9 cod           Uv-Resistanc	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         350 x 350 mm           Pose of Meshs         quadratic (square)           Mesh Connection         stainless steel clips           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 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 Influence         9%	Available Colors	green, turquoise, orange, orange, fluorescent, blue, yellow, black, grey, red, fuchsia, beige (hemp
Material Diameter		colored), red/green/yellow/blue
Material Diameter	Material	hercules rope [6 steel cables (Ø 2.4 mm), covered with polyester (Ø 5.4 mm), polypropylene core
Mesh Size         350 x 350 mm           Pose of Meshs         quadratic (square)           Mesh Connection         stainless steel clips           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%           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%		(Ø 8.3 mm)], cut resistant
Pose of Meshs Mesh Connection Stainless steel clips Edge Design Porce Minimum breaking force of rope: 42.0 kN, nominal tensile strength: 16 N/mm² Standards and Rules Standards and Rules Continuous Operating Temperature Melting Point Yarn Moisture Regain Tensile Strength Reduction Because Of Moisture Resistance to Weak/Strong Acids Resistance to Organic Solvents Resistance to Organic Solvents Beding Strength & Abrasion Resistance Weather-Resistance UV-Resistance Veather-Resistance Vea	Material Diameter	Ø 16.0 mm
Mesh Connection         stainless steel clips           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	350 x 350 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 Strength After Two Years of Climatic Influences good Tensile Strength After Two Years of Climatic Influences good good Tensile Strength After Two Years of Climatic Influences good good Tensile Strength After Two Years of Climatic Influences good good Tensile Strength After Two Years of Climatic Influences good good Tensile Strength After Two Years of Climatic Influences good good good good good good good goo	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       good         UV-Resistance       good         Tensile Strength After Two Years of Climatic Influences       90%	Mesh Connection	stainless steel clips
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 Resistance to Weak/Strong Alkalis Resistance to Uganic Solvents Resistance to Organic Solvents Resistance to Benzine and Greases Bending Strength & Abrasion Resistance Weather-Resistance UV-Resistance  500 d  Weather-Resistance UV-Resistance 050 kly  Tensile Strength After Two Years of Climatic Influences 050 kly	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  Weather-Resistance good  UV-Resistance 250 kly  Tensile Strength After Two Years of Climatic Influences good	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 9cod/not good Resistance to Organic Solvents 9cod Resistance to Benzine and Greases 9cod Bending Strength & Abrasion Resistance 9cod Weather-Resistance 9cod UV-Resistance 150 kly Tensile Strength After Two Years of Climatic Influences 9cod	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 Alkalis good/not good  Resistance to Organic Solvents good  Resistance to Benzine and Greases good  Bending Strength & Abrasion Resistance good  Weather-Resistance good  UV-Resistance Strength After Two Years of Climatic Influences good	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 good	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

Customs Tariff No. 95069990

Version: 12.08.2025 - This version replaces all previous versions