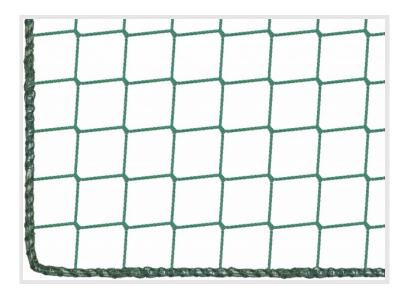
## Product Data Sheet Item No. 209-045

## Stair-Rail Safety Net by the m² (Custom-Made)

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Available Colors         geen, dark green, white, blue, yellow, black, anthracite, red, beige (hemp colored)           Material         high tenacity polypropylene, knotless           Material Diameter         20 ×12" (18")           Mesh Size         1.8" x 1.8"           Pose of Meshs         uoudratic (square)           Mesh Connection         knotless braid           Edge Design         reinforced selvage cord of approx. 14"           Max. Tensile Strength of a Mesh         20 blb           Tensile Breaking Force Referred to Density         7.0 cN/den           Breaking Elongation of Filament         15%           Cortificate         Oeko-Tex® certificate 12.0.02466           Continuous Operating Temperature         40 to +175 °F           Making Point         30 °F           Varin Moisture Regain         0%           Yarn Moisture Regular         9.0           Resistance to Weak/Strong Akidis         9.0           Resistance to Weak/Strong Akidis         9.0           Resistance to Weak/Strong Akidis         9.0           Bending Strength & Abrasion Resistance         9.0           Weather-Resistance         9.0           Weather-Resistance         9.0           Weather-Resistance         9.0           Weather-Resistance <th>TECHNICAL DATA</th> <th></th>	TECHNICAL DATA	
Metarial Diameter         Ø 0.12° (18°)           Mesh Size         1.8° x 1.8°           Pose of Meshs         quadratic (square)           Mesh Connection         knotless braid           Edge Design         reinforced selvage cord of approx. 14°           Max. Tensile Strength of a Mesh         280 lbf           Tensile Breaking Force Referred to Density         7.0 cN/den           Breaking Elongation of Filament         15%           Certificate         Oeko-Tex®: certificate 12.0.02466           Continuous Operating Temperature         40 to +175 °F           Melting Point         329 °F           Washing Temperature (max.)         80° F           Yarn Moisture Regain         0%           Tensile Strength Reduction Because Of Moisture         0%           Resistance to Weak/Strong Aklalis         good/not good           Resistance to Organic Solvents         good           Resistance to Benzine and Greases         very good           Bending Strength & Abrasion Resistance         good           Wather-Resistance         good           Weather-Resistance         good	Available Colors	green, dark green, white, blue, yellow, black, anthracite, red, beige (hemp colored)
Pose of Meshs Pose of Meshs Mesh Connection Mesh Connection Mesh Connection Max. Tensile Strength of a Mesh Tensile Breaking Force Referred to Density Max. Tensile Strength of Filament Tensile Breaking Force Referred to Density Max. Tensile Strength of Filament Tensile Breaking Force Referred to Density Max. Tensile Strength of Elongation of Filament Tensile Breaking Force Referred to Density Max. Tensile Breaking Force Referred to Density Max. Tensile Breaking Force Referred to Density Tensile Breaking Force Referred to Density Max. Tensile Breaking Force Referred to Density Max. Tensile Breaking Force Referred to Density Max. Tensile Strength Tenperature  40 to +175 °F Melting Point Melting Point Max. Tensile Strength Reduction Because Of Moisture Max. Tensile Max. Tensile Max. Tensile Max. Tensile Max. Max. Tensile Max. Tensile Max. Ma	Material	high tenacity polypropylene, knotless
Pose of Meshs quadratic (square)  Mesh Connection knottess braid  Edge Design reinforced selvage cord of approx. 14"  Max. Tensile Strength of a Mesh 280 lbf  Tensile Breaking Force Referred to Density 7.0 cN/den  Breaking Elongation of Filament 15%  Cortificate 0ek-rex® certificate 12.0.02466  Continuous Operating Temperature 40 to 1+175 °F  Melting Point 329 °F  Washing Temperature (max.) 80 °F  Yarn Moisture Regain 9%  Resistance to Weak/Strong Acids very good/good  Resistance to Organic Solvents good/not good  Resistance to Organic Solvents 9000  Bending Strength & Abrasion Resistance 9000  Weather-Resistance 90000  Weather-Resistance 9000  Weather-Resistance 90000  Weather-Resistance 9000  Weather-Resistance 90000  Weather-Resistance 90000  Weather-Resistance 90000  Weather-Resistance 90000  Weather-R	Material Diameter	Ø 0.12" (18")
Mesh Connection knotless braid Edge Design reinforced selvage cord of approx. 14* Max. Tensile Strength of a Mesh Tensile Breaking Force Referred to Density 7.0 cN/den Breaking Elongation of Filament 15% Certificate Oeko-Tex® certificate 12.0.02466 Continuous Operating Temperature 40 to +175 °F Melting Point 329 °F Washing Temperature (max.) 80 °F Yarn Moisture Regain 7 conditionate Of Moisture 8 conditionate Of Weak/Strong Acids Resistance to Weak/Strong Acids Resistance to Weak/Strong Alkalis Resistance to Organic Solvents Resistance to Benzine and Greases Pending Strength & Abrasion Resistance 9 cood Weather-Resistance 9 cood Weather-Resistance 9 cood Weather-Resistance 9 cood	Mesh Size	1.8" x 1.8"
Edge Design reinforced selvage cord of approx. 14°  Max. Tensile Strength of a Mesh 280 lbf  Tensile Breaking Force Referred to Density 7.0 cN/den  Breaking Elongation of Filament 15%  Certificate 0eko-Tex® certificate 12.0.02466  Continuous Operating Temperature 40 to +175°F  Melting Point 329°F  Washing Temperature (max.) 80°F  Yarn Moisture Regain 0%  Tensile Strength Reduction Because Of Moisture 0%  Resistance to Weak/Strong Acids very good/good  Resistance to Organic Solvents good  Resistance to Organic Solvents good  Resistance to Benzine and Greases very good  Bending Strength & Abrasion Resistance good  Weather-Resistance 300 kly	Pose of Meshs	quadratic (square)
Max. Tensile Strength of a Mesh Tensile Breaking Force Referred to Density Tensile Breaking Force Referred to Density Tensile Breaking Elongation of Filament Tensile Strength of a Mesh Tensile Strength of Eliament Tensile Strength of Filament Tensile Strength of Eliament Tensile Strength Reduction Because Of Moisture Resistance to Weak/Strong Acids Resistance to Weak/Strong Alkalis Resistance to Organic Solvents Resistance to Benzine and Greases Tensile Strength & Abrasion Resistance Tensile Strength & Abrasion Resistance Tensile Strength Sclede Tensile Strength Reduction Because Of Moisture Tensile Strength Reduction Because Of	Mesh Connection	knotless braid
Tensile Breaking Force Referred to Density  7.0 cN/den  Breaking Elongation of Filament  15%  Certificate  Oeko-Tex® certificate 12.0.02466  Continuous Operating Temperature  -40 to +175 °F  Melting Point  329 °F  Washing Temperature (max.)  80 °F  Yarn Moisture Regain  O%  Tensile Strength Reduction Because Of Moisture  Resistance to Weak/Strong Acids  very good/good  Resistance to Weak/Strong Alkalis  good/not good  Resistance to Organic Solvents  Resistance to Benzine and Greases  very good  Bending Strength & Abrasion Resistance  good  Weather-Resistance  Juy-Resistance  Juy-	Edge Design	reinforced selvage cord of approx. 14"
Breaking Elongation of Filament 15% Certificate 20ko-Tex® certificate 12.0.02466 Continuous Operating Temperature 40 to +175 °F Melting Point 329 °F Washing Temperature (max.) 80 °F Yarn Moisture Regain 0% Tensile Strength Reduction Because Of Moisture 0% Resistance to Weak/Strong Acids very good/good Resistance to Weak/Strong Alkalis good/not good Resistance to Organic Solvents good Resistance to Benzine and Greases very good Bending Strength & Abrasion Resistance good Weather-Resistance good Uv-Resistance to Uv-Resistance good	Max. Tensile Strength of a Mesh	280 lbf
Certificate Cohorinuous Operating Temperature 40 to +175 °F  Melting Point 329 °F  Washing Temperature (max.) 80 °F  Yarn Moisture Regain 0%  Tensile Strength Reduction Because Of Moisture 0%  Resistance to Weak/Strong Acids very good/good  Resistance to Weak/Strong Alkalis good/not good  Resistance to Organic Solvents good  Resistance to Benzine and Greases very good  Meather-Resistance good  Weather-Resistance good  Weather-Resistance good  Weather-Resistance good  Weather-Resistance good	Tensile Breaking Force Referred to Density	7.0 cN/den
Continuous Operating Temperature 40 to +175 °F  Melting Point 329 °F  Washing Temperature (max.) 80 °F  Yarn Moisture Regain 0%  Tensile Strength Reduction Because Of Moisture 0%  Resistance to Weak/Strong Acids very good/good  Resistance to Weak/Strong Alkalis good/not good  Resistance to Organic Solvents good  Resistance to Benzine and Greases very good  Meather-Resistance good  Weather-Resistance good  Uv-Resistance do Solvents good	Breaking Elongation of Filament	15%
Melting Point 329 °F Washing Temperature (max.) 80 °F Yarn Moisture Regain 0% Tensile Strength Reduction Because Of Moisture 0% Resistance to Weak/Strong Acids very good/good Resistance to Weak/Strong Alkalis good/not good Resistance to Organic Solvents good Resistance to Benzine and Greases very good Bending Strength & Abrasion Resistance good Weather-Resistance good Uv-Resistance good	Certificate	Oeko-Tex® certificate 12.0.02466
Washing Temperature (max.) Yarn Moisture Regain O% Tensile Strength Reduction Because Of Moisture Resistance to Weak/Strong Acids Resistance to Weak/Strong Alkalis Qood/not good Resistance to Organic Solvents Qood Resistance to Benzine and Greases Very good Bending Strength & Abrasion Resistance Qood Weather-Resistance Qood  Veather-Resistance	Continuous Operating Temperature	-40 to +175 °F
Yarn Moisture Regain 0% Tensile Strength Reduction Because Of Moisture 0% Resistance to Weak/Strong Acids very good/good Resistance to Weak/Strong Alkalis good/not good Resistance to Organic Solvents good Resistance to Benzine and Greases very good Bending Strength & Abrasion Resistance good Weather-Resistance 300 kly	Melting Point	329 °F
Tensile Strength Reduction Because Of Moisture 0% Resistance to Weak/Strong Acids very good/good Resistance to Weak/Strong Alkalis good/not good Resistance to Organic Solvents good Resistance to Benzine and Greases very good Bending Strength & Abrasion Resistance good Weather-Resistance good UV-Resistance 300 kly	Washing Temperature (max.)	80 °F
Resistance to Weak/Strong Acids Resistance to Weak/Strong Alkalis Resistance to Organic Solvents Resistance to Benzine and Greases Very good Bending Strength & Abrasion Resistance Weather-Resistance UV-Resistance  300 kly	Yarn Moisture Regain	0%
Resistance to Weak/Strong Alkalisgood/not goodResistance to Organic SolventsgoodResistance to Benzine and Greasesvery goodBending Strength & Abrasion ResistancegoodWeather-ResistancegoodUV-Resistance300 kly	Tensile Strength Reduction Because Of Moisture	0%
Resistance to Organic Solvents good  Resistance to Benzine and Greases very good  Bending Strength & Abrasion Resistance good  Weather-Resistance good  UV-Resistance 300 kly	Resistance to Weak/Strong Acids	very good/good
Resistance to Benzine and Greases very good  Bending Strength & Abrasion Resistance good  Weather-Resistance good  UV-Resistance 300 kly	Resistance to Weak/Strong Alkalis	good/not good
Bending Strength & Abrasion Resistance good  Weather-Resistance good  UV-Resistance 300 kly	Resistance to Organic Solvents	good
Weather-Resistance good UV-Resistance 300 kly	Resistance to Benzine and Greases	very good
UV-Resistance 300 kly	Bending Strength & Abrasion Resistance	good
•	Weather-Resistance	good
Tensile Strength After Two Years of Climatic Influences 90%	UV-Resistance	300 kly
	Tensile Strength After Two Years of Climatic Influences	90%

Elasticity After Years of Climatic Influences	good long-term flexibility, little elongation
Flexibility When Used in Water	stays flexible
Contraction When Used in Water	low contraction
Contraction When Used Outside	no contraction
Behavior in High Heat / Fire	melting
Electrical Characteristics	isolating, no electrical conductivity
Customs Tariff No.	56081930
Area Density	4.40 oz/yd²