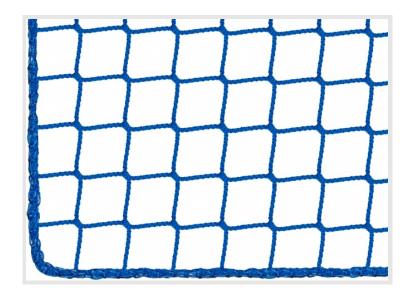
## Product Data Sheet Item No. 215-045

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

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









Available Colors         gren, white, blue, yellow, black, red           Material         high tenacity polypropylene, knotless           Material Diameter         94.0 mm           Mesh Size         45 x 45 mm           Pose of Meshs         quadratic (square)           Mesh Connection         knotless braid           Edge Design         reinforced selvage cord of approx. 7 mm           Max. Tensile Strength of a Mesh         1600 N           Tensile Breaking Force Referred to Density         70.0 Niden           Certificate         0 Neo-Tex® certificate 12.0.02466           Chitinuous Operating Temperature         40 to +80°C           Mashing Temperature (max.)         30°C           Yarn Moisture Regain         90°C           Resistance to Weak/Strong Acids         very good/good           Resistance to Weak/Strong Akids         90°d           Resistance to Organic Solvents         90°d           Resistance to Benzine and Greases         90°d           Questier-Resistance         90°d           Weather-Resistance         90°d           Weather-Resistance         90°d           Weather-Resistance         90°d           Weather-Resistance         90°d           Weather-Resistance         90°d	TECHNICAL DATA	
Material Diameter         Ø 4.0 mm           Mesh Size         45 x 45 mm           Pose of Meshs         quadratic (square)           Mesh Connection         knotless braid           Edge Design         reinforced selvage cord of approx. 7 mm           Max. Tensile Strength of a Mesh         1600 N           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 +80 °C           Melting Point         165 °C           Washing Temperature (max.)         30 °C           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 Benzine and Greases         very good           Bending Strength & Abrasion Resistance         good           Weather-Resistance         good           Weather-Resistance         good	Available Colors	green, white, blue, yellow, black, red
Mesh Size         45 x 45 mm           Pose of Meshs         quadratic (square)           Mesh Connection         knotless braid           Edge Design         reinforced selvage cord of approx. 7 mm           Max. Tensile Strength of a Mesh         1600 N           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 +80 °C           Melting Point         165 °C           Washing Temperature (max.)         30 °C           Yarn Moisture Regain         0%           Tensile Strength Reduction Because Of Moisture         0%           Resistance to Weak/Strong Acids         very good/good           Resistance to Organic Solvents         good/not good           Resistance to Organic Solvents         good           Bending Strength & Abrasion Resistance         good           Weather-Resistance         good           Weather-Resistance         good           Weather-Resistance         good	Material	high tenacity polypropylene, knotless
Pose of Meshs Mesh Connection knotless braid  Edge Design reinforced selvage cord of approx. 7 mm  Max. Tensile Strength of a Mesh 1600 N  Tensile Breaking Force Referred to Density 7.0 cN/den  Breaking Elongation of Filament 15% Certificate Certificate Ceko-Tex® certificate 12.0.02466  Continuous Operating Temperature -40 to +80 °C  Melting Point 165 °C  Washing Temperature (max.) 30 °C  Yarn Moisture Regain Tensile Strength Reduction Because Of Moisture 0% Resistance to Weak/Strong Acids very good/good  Resistance to Organic Solvents good/not good  Resistance to Organic Solvents Bending Strength & Abrasion Resistance good  Weather-Resistance Uveather-Resistance Solvey Sood  Weather-Resistance Solvey Sood  Weather-Resistance Solvey Sood Sood  Weather-Resistance Solvey Sood Sood Solvey Sood Sood	Material Diameter	Ø 4.0 mm
Mesh Connection         knotless braid           Edge Design         reinforced selvage cord of approx. 7 mm           Max. Tensile Strength of a Mesh         1600 N           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 +80 °C           Melting Point         165 °C           Washing Temperature (max.)         30 °C           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 Benzine and Greases         very good           Bending Strength & Abrasion Resistance         good           Weather-Resistance         good           UV-Resistance         300 kly	Mesh Size	45 x 45 mm
Edge Design reinforced selvage cord of approx. 7 mm  Max. Tensile Strength of a Mesh 1600 N  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 +80 °C  Melting Point 165 °C  Washing Temperature (max.) 30 °C  Yarn Moisture Regain 0%  Tensile Strength Reduction Because Of Moisture 0%  Resistance to Weak/Strong Acids very good/good  Resistance to Uweak/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  Weather-Resistance 300 kly	Pose of Meshs	quadratic (square)
Max. Tensile Strength of a Mesh     1600 N       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 +80 °C       Melting Point     165 °C       Washing Temperature (max.)     30 °C       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       Bending Strength & Abrasion Resistance     good       Weather-Resistance     good       UV-Resistance     300 kly	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 +80 °C  Melting Point 165 °C  Washing Temperature (max.) 30 °C  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  Weather-Resistance 300 kly	Edge Design	reinforced selvage cord of approx. 7 mm
Breaking Elongation of Filament 15%  Certificate Oeko-Tex® certificate 12.0.02466  Continuous Operating Temperature -40 to +80 °C  Melting Point 165 °C  Washing Temperature (max.) 30 °C  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 300 kly	Max. Tensile Strength of a Mesh	1600 N
Certificate Oeko-Tex® certificate 12.0.02466  Continuous Operating Temperature -40 to +80 °C  Melting Point 165 °C  Washing Temperature (max.) 30 °C  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 300 kly	Tensile Breaking Force Referred to Density	7.0 cN/den
Continuous Operating Temperature -40 to +80 °C  Melting Point 165 °C  Washing Temperature (max.) 30 °C  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 300 kly	Breaking Elongation of Filament	15%
Melting Point 165 °C  Washing Temperature (max.) 30 °C  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 300 kly	Certificate	Oeko-Tex® certificate 12.0.02466
Washing Temperature (max.)  Yarn Moisture Regain  O%  Resistance to Weak/Strong Acids  Resistance to Weak/Strong Alkalis  Resistance to Organic Solvents  Resistance to Benzine and Greases  Weather-Resistance  UV-Resistance  300 kly	Continuous Operating Temperature	-40 to +80 °C
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 300 kly	Melting Point	165 °C
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.)	30 °C
Resistance to Weak/Strong Acids  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	Yarn Moisture Regain	0%
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	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	210 g/m²