## Product Data Sheet Item No. 212-045

Balcony Safety Netting by the m<sup>2</sup> (Custom-Made)

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Available Colors         green, white, blue, black, anthracite, red, beige (hemp colored)           Material         high tenacity polypropylene, knotiess           Material Diameter         do 20° (316°)           Mesh Size         18° x 1.8°           Pose of Meshs         quadratic (square)           Mesh Connection         knotless braid           Bege Design         reinforced selvage cord of approx. 14°           Max. Tensile Strength of a Mesh         70.0 N/den           Tensile Breaking Force Referred to Density         70.0 N/den           Certificate         Osko-Tex® certificate 12.0.02466           Chitinous Operating Temperature         40 to +175° F           Melting Point         32° F           Yarn Moisture Regain         9°           Yarn Moisture Regain         9°           Resistance to Weak/Strong Akida         9°           Resistance to Weak/Strong Akida         9°           Resistance to Organic Solvents         9°           Resistance to Denzine and Greases         9°           Berding Strength & Abrasion Resistance         9°           Weather-Resistance         9°           Weather-Resistance         9°           Weather-Resistance         9°           Weather-Resistance         9° <th>TECHNICAL DATA</th> <th></th>	TECHNICAL DATA	
Material Diameter         Ø 0.20° (316°)           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         720 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           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 Benzine and Greases         very good           Bending Strength & Abrasion Resistance         good           Weather-Resistance         good           Weather-Resistance         good           Weather-Resistance         good           Weather-Resistance         good	Available Colors	green, white, blue, black, anthracite, red, beige (hemp colored)
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         720 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 Acids         very good/good           Resistance to Organic Solvents         good/not good           Resistance to Benzine and Greases         very good           Bending Strength & Abrasion Resistance         good           Weather-Resistance         good           Weather-Resistance         good           Uv-Resistance         300 kly	Material	high tenacity polypropylene, knotless
Pose of Meshs Mesh Connection knotless braid  Edge Design reinforced selvage cord of approx. 14"  Max. Tensile Strength of a Mesh 720 lbf Tensile Breaking Force Referred to Density 7.0 cN/den  Breaking Elongation of Filament 15% Certificate Certificate Continuous Operating Temperature 40 to +175 "F  Melting Point 329 "F  Washing Temperature (max.) 80 "F  Yarn Moisture Regain 70% Resistance to Weak/Strong Acids very good/good Resistance to Uganic Solvents good/not good  Resistance to Benzine and Greases ending Strength & Abrasion Resistance 9000  Weather-Resistance Ut-Resistance Ut-Re	Material Diameter	Ø 0.20" (316")
Mesh Connection         knotless braid           Edge Design         reinforced selvage cord of approx. 14°           Max. Tensile Strength of a Mesh         720 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 Acids         very good/good           Resistance to Organic Solvents         good           Resistance to Benzine and Greases         very good           Bending Strength & Abrasion Resistance         good           Weather-Resistance         good           Uversistance         good	Mesh Size	1.8" x 1.8"
Edge Design reinforced selvage cord of approx. 14*  Max. Tensile Strength of a Mesh 720 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 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 good  Uv-Resistance 300 kly	Pose of Meshs	quadratic (square)
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 0% 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 Bending Strength & Abrasion Resistance good Weather-Resistance UV-Resistance	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 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. 14"
Breaking Elongation of Filament 15% Certificate 0cko-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 300 kly	Max. Tensile Strength of a Mesh	720 lbf
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 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 UV-Resistance 3000 kly	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  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 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 3000 kly	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 Good/not good Resistance to Organic Solvents Good Resistance to Benzine and Greases Very good Bending Strength & Abrasion Resistance Good Weather-Resistance UV-Resistance 300 kly	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 good  UV-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 3000 kly	Washing Temperature (max.)	80 °F
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	11.80 oz/yd²