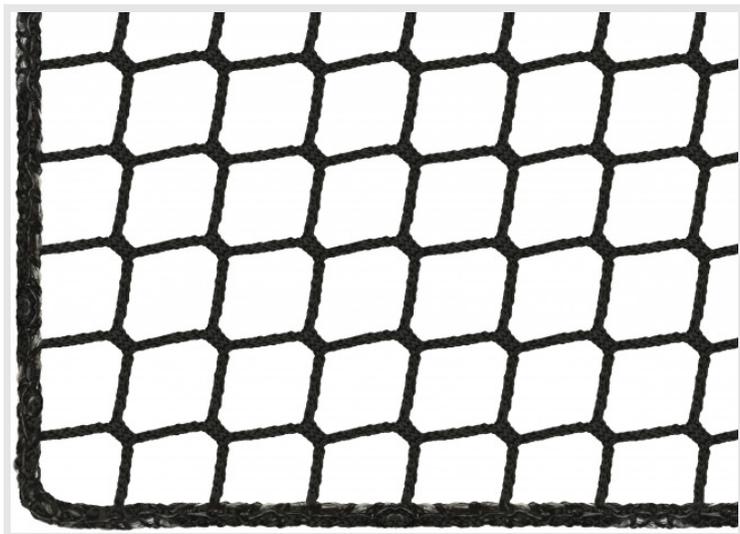


# Product Data Sheet Item No. 212F045

## High Level Rack Safety Net, Flame-Retardant (Custom-Made)

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### TECHNICAL DATA

Available Colors	green, white, blue, black
Material	high tenacity polypropylene, knotless, flame-retardant
Material Diameter	Ø 5.0 mm
Mesh Size	45 x 45 mm
Pose of Meshes	quadratic (square)
Mesh Connection	knotless braid
Edge Design	reinforced selvage cord of approx. 7 mm
Max. Tensile Strength of a Mesh	3200 N
Tensile Breaking Force Referred to Density	7.0 cN/den
Breaking Elongation of Filament	15%
Standards and Rules	ASR 12/1-3, BG regulation no. 179, DGUV standard 101-011, DGUV rule 108-007 (formerly BG regulation no. 234), EN 13501-1 (flame-retarding), classification B-s1 d2, DIN 4102 (B1, flame-retarding)
Certificate	MPA-Bau certification report P-NDS04-851, Oeko-Tex&reg; certificate 12.0.02466
Regular Inspection Interval	12 months
Number of Test Meshes	3 pcs.
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

<b>Resistance to Benzine and Greases</b>	very good
<b>Bending Strength &amp; Abrasion Resistance</b>	good
<b>Weather-Resistance</b>	good
<b>UV-Resistance</b>	300 kly
<b>Tensile Strength After Two Years of Climatic Influences</b>	90%
<b>Elasticity After Years of Climatic Influences</b>	good long-term flexibility, little elongation
<b>Flexibility When Used in Water</b>	stays flexible
<b>Contraction When Used in Water</b>	low contraction
<b>Contraction When Used Outside</b>	no contraction
<b>Behavior in High Heat / Fire</b>	melting
<b>Electrical Characteristics</b>	isolating, no electrical conductivity
<b>Customs Tariff No.</b>	56081930
<b>Area Density</b>	440 g/m <sup>2</sup>