

# Product Data Sheet Item No. 2160-045-02

## Ship Railing Net 0.60 x 50.00 m

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### TECHNICAL DATA

Available Colors	white
Width	23.6"
Length	50.00 m
Material	polyester, knotless
Material Diameter	Ø 0.12" (18")
Mesh Size	1.8" x 1.8"
Pose of Meshes	quadratic (square)
Mesh Connection	knotless braid
Edge Design	reinforced selvage cord of approx. 14"
Max. Tensile Strength of a Mesh	245 lbf
Tensile Breaking Force Referred to Density	7.0 cN/den
Breaking Elongation of Filament	10%
Continuous Operating Temperature	-40 to +212 °F
Melting Point	500 °F
Washing Temperature (max.)	190 °F
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

<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>	5.45 oz/yd <sup>2</sup>
<b>Total Weight</b>	12.24 lb