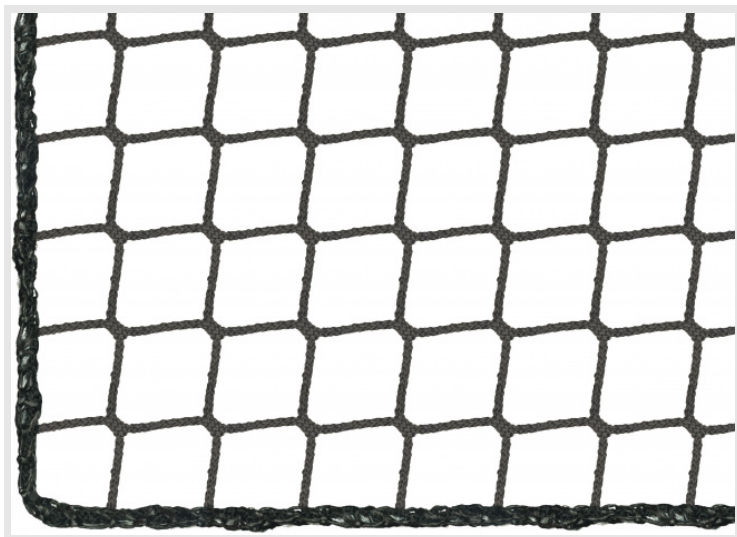


# Product Data Sheet Item No. 219-050

## Net by the m<sup>2</sup> (Custom-Made)

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



### TECHNICAL DATA

Available Colors	black
Material	polyamide
Material Diameter	Ø 4.5 mm
Mesh Size	50 x 50 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	2200 N
Tensile Breaking Force Referred to Density	6.7 cN/den
Breaking Elongation of Filament	17%
Continuous Operating Temperature	-40 to +130 °C
Melting Point	215 °C
Washing Temperature (max.)	60 °C
Yarn Moisture Regain	5 to 7%
Tensile Strength Reduction Because Of Moisture	15%
Resistance to Weak/Strong Acids	good/not good
Resistance to Weak/Strong Alkalis	good/not good
Resistance to Organic Solvents	good
Resistance to Benzine and Greases	good
Bending Strength & Abrasion Resistance	very good
Weather-Resistance	acceptable
UV-Resistance	250 kly
Tensile Strength After Two Years of Climatic Influences	70%
Elasticity After Years of Climatic Influences	good long-term flexibility, high elongation

<b>Flexibility When Used in Water</b>	becomes hard after several years of use
<b>Contraction When Used in Water</b>	high contraction
<b>Contraction When Used Outside</b>	high contraction
<b>Behavior in High Heat / Fire</b>	melting
<b>Electrical Characteristics</b>	isolating, low electrical conductivity
<b>Customs Tariff No.</b>	56081930
<b>Area Density</b>	290 g/m <sup>2</sup>