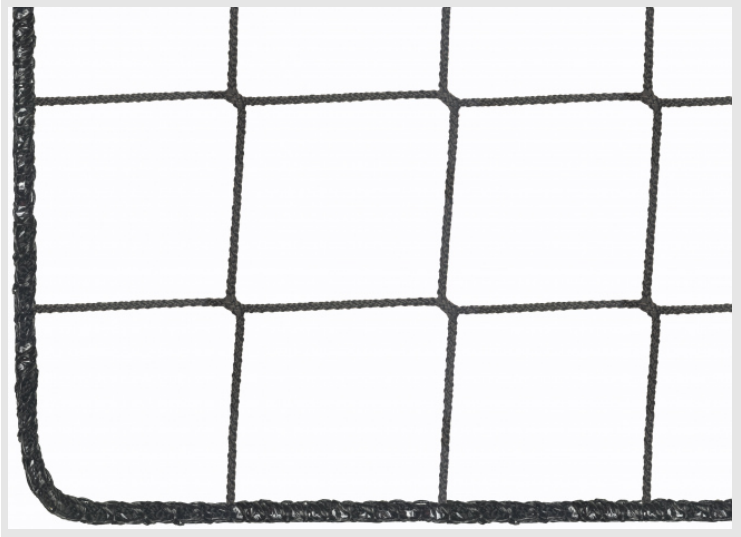
# Product Data Sheet Item No. 219-100

Net by the m² (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 0.18" |
| **Mesh Size** | 4.0" x 4.0" |
| **Pose of Meshes** | quadratic (square) |
| **Mesh Connection** | knotless braid |
| **Edge Design** | reinforced selvage cord of approx. 14" |
| **Max. Tensile Strength of a Mesh** | 495 lbf |
| **Tensile Breaking Force Referred to Density** | 6.7 cN/den |
| **Breaking Elongation of Filament** | 17% |
| **Continuous Operating Temperature** | -40 to +265 °F |
| **Melting Point** | 419 °F |
| **Washing Temperature (max.)** | 140 °F |
| **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 |

| | |
|---|---|
| **Flexibility When Used in Water** | becomes hard after several years of use |
| **Contraction When Used in Water** | high contraction |
| **Contraction When Used Outside** | high contraction |
| **Behavior in High Heat / Fire** | melting |
| **Electrical Characteristics** | isolating, low electrical conductivity |
| **Customs Tariff No.** | 56081930 |
| **Area Density** | 4.60 oz/yd² |