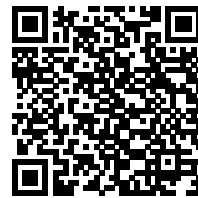
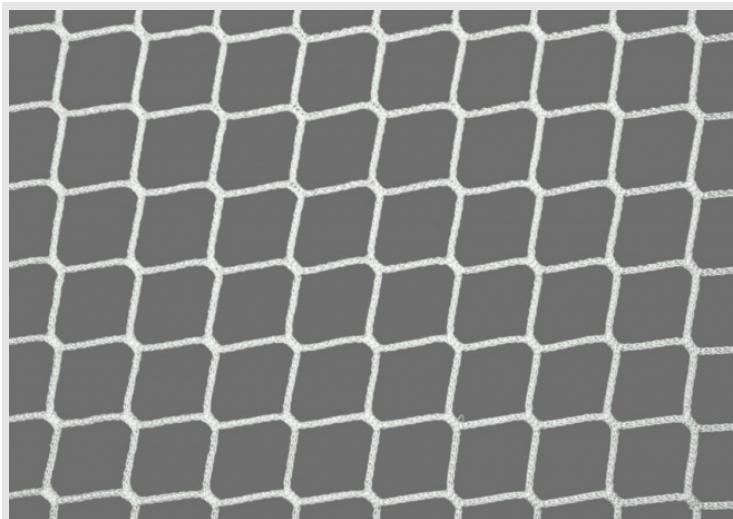


# Product Data Sheet Item No. 216-035

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

Schutzenetze24 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  | white   |
| Material  | polyester, knotless                           |
| Material Diameter                                       | Ø 3.0 mm                                      |
| Mesh Size   | 35 x 35 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                         | 1100 N  |
| Tensile Breaking Force Referred to Density              | 7.0 cN/den                                    |
| Breaking Elongation of Filament                         | 10%   |
| Continuous Operating Temperature                        | -40 to +100 °C                                |
| Melting Point   | 260 °C  |
| Washing Temperature (max.)                              | 90 °C   |
| 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 Alkalies                      | 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                                       |
| Tensile Strength After Two Years of Climatic Influences | 90%   |
| Elasticity After Years of Climatic Influences           | 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>                   | 230 g/m <sup>2</sup>                  |