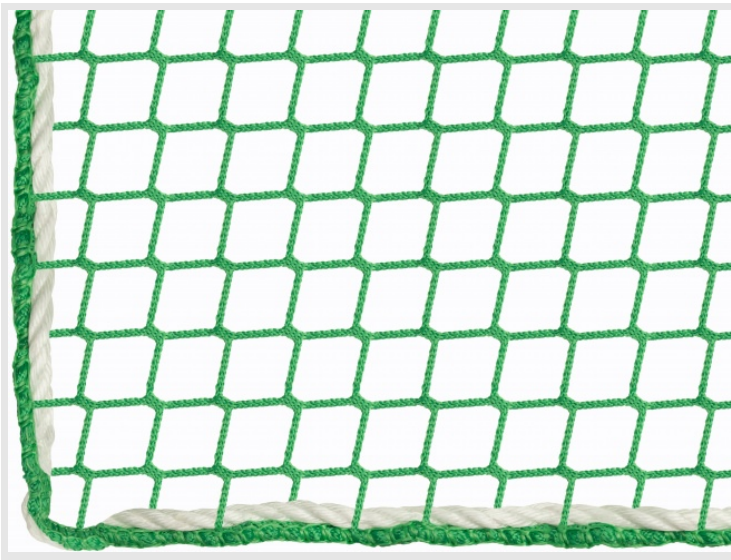


# Product Data Sheet Item No. 1903-045

## Pond Cover Net (Fall Safety Net) by the m<sup>2</sup>

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### TECHNICAL DATA

|  |   |
|--|---|
| Available Colors                           | green, white, blue, black, anthracite, red, beige (hemp colored)        |
| Material                                   | high tenacity polypropylene, knotless                                   |
| 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. 9 mm, with edged rope                |
| Edged Rope                                 | polysteel rope (Ø 12 mm, white), all around                             |
| Max. Tensile Strength of a Mesh            | 3200 N  |
| Energy Absorption (approx.)                | 9.0 kJ  |
| Tensile Strength of Edged Rope             | 30 kN   |
| Tensile Breaking Force Referred to Density | 7.0 cN/den  |
| Breaking Elongation of Filament            | 15%   |
| Standards and Rules                        | BG regulation no. 179, DGUV standard 101-011, EN 1263-1                 |
| Certificate                                | GS verification certificate 23100027, Oeko-Tex®; certificate 12.0.02466 |
| Net Class                                  | B1  |
| Safety Net System                          | S (rope-edged safety net)   |
| 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%  |

|  |   |
|--|---|
| <b>Tensile Strength Reduction Because Of Moisture</b>          | 0%  |
| <b>Resistance to Weak/Strong Acids</b>                         | very good/good                                |
| <b>Resistance to Weak/Strong Alkalis</b>                       | good/not good                                 |
| <b>Resistance to Organic Solvents</b>                          | 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>  | 475 g/m <sup>2</sup>                          |