

Product Data Sheet Item No. 1903-045/340/35000

Safety Net with Overlay Panel (45 mm Mesh,
Airtight Tarpaulin)

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TECHNICAL DATA

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| Material | high tenacity polypropylene, knotless, polyethylene |
| Type of Textile | HDPE tarpaulin with LDPE coating |
| Material Diameter | Ø 5.0 mm |
| Mesh Size | 45 x 45 mm |
| Pose of Meshs | quadratic (square) |
| Mesh Connection | knotless braid |
| Wind Reduction | 100% |
| 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. |
| Washing Temperature (max.) | 30 °C |
| Yarn Moisture Regain | 0% |
| Tensile Strength Reduction Because Of Moisture | 0% |
| Weather-Resistance | good |

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| UV-Resistance | 300 kly |
| Elasticity After Years of Climatic Influences | good long-term flexibility, little elongation |
| Flexibility When Used in Water | stays flexible |
| Contraction When Used in Water | low contraction |
| Contraction When Used Outside | no contraction |
| Electrical Characteristics | isolating, no electrical conductivity |
| Customs Tariff No. | 56081930 |
| Area Density | 675 g/m ² |