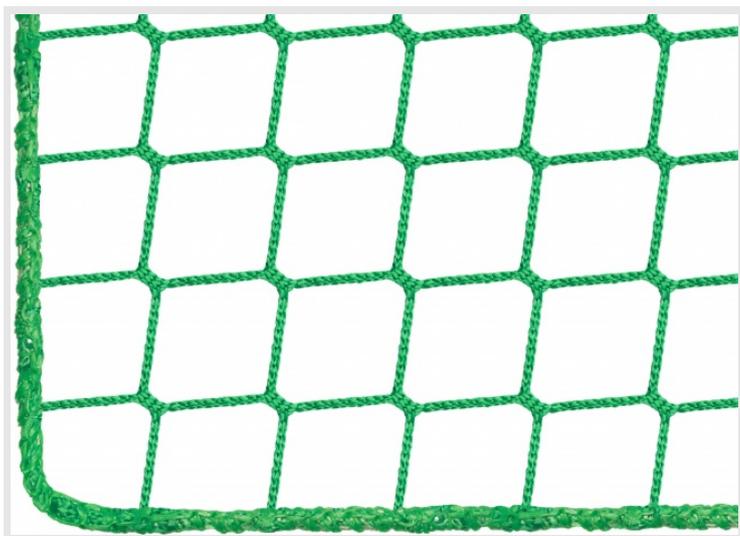


# Product Data Sheet Item No. 212-060

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

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### TECHNICAL DATA

|                                                |                                                                            |
|------------------------------------------------|----------------------------------------------------------------------------|
| Available Colors                               | green, blue, black, red                                                    |
| Material                                       | high tenacity polypropylene, knotless                                      |
| Material Diameter                              | Ø 0.20" (316")                                                             |
| Mesh Size                                      | 2.4" x 2.4"                                                                |
| Pose of Meshes                                 | quadratic (square)                                                         |
| Mesh Connection                                | knotless braid                                                             |
| Edge Design                                    | reinforced selvage cord of approx. 14"                                     |
| Max. Tensile Strength of a Mesh                | 720 lbf                                                                    |
| Tensile Breaking Force Referred to Density     | 7.0 cN/den                                                                 |
| Breaking Elongation of Filament                | 15%                                                                        |
| Standards and Rules                            | ASR 12/1-3, ASR 17/1,2, DGUV rule 108-007 (formerly BG regulation no. 234) |
| Certificate                                    | Oeko-Tex®; certificate 12.0.02466                                          |
| Continuous Operating Temperature               | -40 to +175 °F                                                             |
| Melting Point                                  | 329 °F                                                                     |
| Washing Temperature (max.)                     | 80 °F                                                                      |
| Yarn Moisture Regain                           | 0%                                                                         |
| Tensile Strength Reduction Because Of Moisture | 0%                                                                         |
| Resistance to Weak/Strong Acids                | very good/good                                                             |
| Resistance to Weak/Strong Alkalis              | good/not good                                                              |
| Resistance to Organic Solvents                 | good                                                                       |
| Resistance to Benzine and Greases              | very good                                                                  |
| Bending Strength & Abrasion Resistance         | good                                                                       |
| Weather-Resistance                             | good                                                                       |
| UV-Resistance                                  | 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>                                            | 8.85 oz/yd <sup>2</sup>                       |