

**Product Data Sheet Item No. 3000-070**  
**Ski Slope Safety Net S2 by the m<sup>2</sup>**  
**(Custom-Made)**

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## TECHNICAL DATA

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| Available Colors                               | orange, red  |
| Material                                       | high tenacity polypropylene, knotless                                      |
| Material Diameter                              | Ø 0.20" (316")   |
| Mesh Size                                      | 2.8" x 2.8"  |
| Pose of Meshes                                 | quadratic (square)   |
| Mesh Connection                                | knotless braid   |
| Edge Design                                    | reinforced selvage cord of approx. 38", with integral surround rope (sewn) |
| Max. Tensile Strength of a Mesh                | 720 lbf  |
| Energy Absorption (approx.)                    | 4.6 kJ   |
| Tensile Breaking Force Referred to Density     | 7.0 cN/den   |
| Breaking Elongation of Filament                | 15%  |
| Standards and Rules                            | EN 1263-1, NF S 52-106   |
| Certificate                                    | Oeko-Tex®; certificate 12.0.02466  |
| Net Class                                      | A2   |
| Safety Net System                              | S2 (flexible posts)  |
| 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   |

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|--|---|
| <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>  | 9.60 oz/yd <sup>2</sup>                       |