## Product Data Sheet Item No. 18046-100

Fall Safety Net 12.50 x 25.50 m (Diagonal Meshes)

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| TECHNICAL DATA                             |  |
|--|--|
| Available Colors                           | green  |
| Dimensions                                 | 41' x 84'  |
| Material                                   | high tenacity polypropylene, knotless                                  |
| Material Diameter                          | Ø 0.19" (316")   |
| Mesh Size                                  | 4.0" x 4.0"  |
| Pose of Meshes                             | rhombic (diamond mesh)   |
| Mesh Connection                            | knotless braid   |
| Edge Design                                | with edged rope  |
| Edged Rope                                 | polysteel rope (Ø 12", white), all around                              |
| Max. Tensile Strength of a Mesh            | 670 lbf  |
| Energy Absorption (approx.)                | 5.0 kJ   |
| Tensile Strength of Edged Rope             | 6,700 lbf  |
| 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 23100031, Oeko-Tex® certificate 12.0.02466 |
| Net Class                                  | A2   |
| Safety Net System                          | S (rope-edged safety net)  |
| Regular Inspection Interval                | 12 months  |
| Number of Test Meshes                      | 3 pcs.   |
| 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                                       |
| Tensile Strength After Two Years of Climatic Influences | 90%   |
| 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                                |
| Behavior in High Heat / Fire                            | melting                                       |
| Electrical Characteristics                              | isolating, no electrical conductivity         |
| Customs Tariff No.                                      | 56081930                                      |
| Area Density  | 8.10 oz/yd²                                   |
| Total Weight  | 136.71 lb                                     |
|   |   |