

# Product Data Sheet Item No. 4618-500

## Custom-Made Climbing Net with Aluminium Knots

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### TECHNICAL DATA

|   |  |
|---|--|
| Available Colors  | red, green, blue, black, beige (hemp colored)                                  |
| Material  | hercules rope Ø 34" (6-strand, covered with polyester, twisted), cut resistant |
| Material Diameter                                       | Ø 0.70"  |
| Mesh Size   | 20.0" x 20.0"  |
| Pose of Meshes  | quadratic (square)   |
| Mesh Connection   | aluminium knot system (Ø 1.38")  |
| Edge Design   | pressure-grouted or screwed fastening equipment according to choice            |
| Breaking Force  | minimum breaking force of rope: 9,400 lbf, nominal tensile strength: 2,320 psi |
| Standards and Rules                                     | EN 1176  |
| Continuous Operating Temperature                        | -40 to +212 °F   |
| Melting Point   | 500 °F   |
| Yarn Moisture Regain                                    | 0.5 to 2.0%  |
| Tensile Strength Reduction Because Of Moisture          | 0%   |
| Resistance to Weak/Strong Acids                         | good/not good  |
| Resistance to Weak/Strong Alkalis                       | good/good  |
| Resistance to Organic Solvents                          | good   |
| Resistance to Benzine and Greases                       | good   |
| Bending Strength & Abrasion Resistance                  | good   |
| Weather-Resistance                                      | good   |
| UV-Resistance   | 250 kly  |
| Tensile Strength After Two Years of Climatic Influences | 90%  |
| Electrical Characteristics                              | isolating coating, electrically conducting core                                |
| Impregnation  | acrylic resin polymer dispersion   |
| Customs Tariff No.                                      | 95069990   |