

# PRODUCT DATA SHEET

## BAGGES RGF

| Properties                   |  |      |             |         |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |
|------------------------------|--|------|-------------|---------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| Description                  | BAGGES RGF Fiberglass Rope Lagging is manufactured from continuous filament bulked glass and overbraided with continuous filament glass yarns. All materials used are designed to avoid skin irritation.   |      |             |         |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |
| Chemical properties          | Excellent chemical stability and resistance to steam-even when saturated. RGF is also resistant to weak acids and bases and to lubricants and hydrocarbons.  |      |             |         |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |
| Rope details                 | RGF is supplied in standard 30 metre coils individually packed.  |      |             |         |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |
| Range of diameters available | <table> <tr> <th>Size</th><th>Length/coil</th></tr> <tr> <td>12,5 mm</td><td>0,8 kg</td></tr> <tr> <td>15 mm</td><td>1,0 kg</td></tr> <tr> <td>20 mm</td><td>1,7 kg</td></tr> <tr> <td>25 mm</td><td>2,0 kg</td></tr> <tr> <td>30 mm</td><td>3,4 kg</td></tr> <tr> <td>35 mm</td><td>4,0 kg</td></tr> <tr> <td>40 mm</td><td>5,1 kg</td></tr> <tr> <td>50 mm</td><td>6,7 kg</td></tr> </table> | Size | Length/coil | 12,5 mm | 0,8 kg | 15 mm | 1,0 kg | 20 mm | 1,7 kg | 25 mm | 2,0 kg | 30 mm | 3,4 kg | 35 mm | 4,0 kg | 40 mm | 5,1 kg | 50 mm | 6,7 kg |
| Size                         | Length/coil  |      |             |         |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |
| 12,5 mm                      | 0,8 kg   |      |             |         |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |
| 15 mm                        | 1,0 kg   |      |             |         |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |
| 20 mm                        | 1,7 kg   |      |             |         |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |
| 25 mm                        | 2,0 kg   |      |             |         |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |
| 30 mm                        | 3,4 kg   |      |             |         |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |
| 35 mm                        | 4,0 kg   |      |             |         |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |
| 40 mm                        | 5,1 kg   |      |             |         |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |
| 50 mm                        | 6,7 kg   |      |             |         |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |
| Temperature Range            | Up to 550°C  |      |             |         |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |
| Thermal Conductivity (k)     | 0,055 - 0,065 W/mK (25mm dia)  |      |             |         |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |
| Thermal Transmission (u)     | 2,8 - 3,3 W/m <sup>2</sup> K (25mm dia)  |      |             |         |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |

NB: Unless otherwise stated, all values quoted are nominal measurements. The information contained in this data sheet is believed to be true at the time of printing. Any statements contained or inferred to within are an expression of opinion and presented without guarantee. It is up to the user to determine suitability of use, or potential patent infringement for specific applications.

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