

PRODUCT DATA SHEET

BAGGES PGF-3

| Properties | | | | | | | | | | | | | | | |
|----------------------|--|----------------------|---|-----------------|---|------|-----------|--------|----------|------|-----------|------|-------|------|-------|
| Composition | <p>BAGGES PGF-3 Sealing rope produced from texturised glass yarn with its construction varied to match the required compressibility. The PGF-3 version is a standard PGF of a defined compressibility with an optional overbraid of texturised glass yarn to achieve a smoother surface and an outer coating of silicone elastomer. This improves the seal's gas impermeability.</p> <p>BAGGES PGF-3 Offers improved gas impermeability and ensures retention of the glass fibers during application.</p> <p>BAGGES PGF-3 Provides reduced fraying during cutting.</p> | | | | | | | | | | | | | | |
| Applications | <p>BAGGES PGF-3 is used as thermal insulation for static sealing applications where higher gas impermeability and protection of the glass fibers from damage by water and other liquids is required.</p> <p>It is widely used as seals for hatches and doors in industrial boilers, furnaces, ovens, as well as seals for gas appliances, heat exchanger sections and heat processing equipment.</p> <p>BAGGES PGF-3 Is also used in the aluminium melting industry.</p> | | | | | | | | | | | | | | |
| Temperatur range | Up to 300°C | | | | | | | | | | | | | | |
| Dimension | <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; text-align: center;"> <thead> <tr style="background-color: #e0e0e0;"> <th style="padding: 5px;">Nom.Diameter (mm)</th> <th style="padding: 5px;">Tolerance (mm)</th> </tr> </thead> <tbody> <tr><td style="padding: 5px;">7,0</td><td style="padding: 5px;">±0,50</td></tr> <tr><td style="padding: 5px;">8,0</td><td style="padding: 5px;">±0,50</td></tr> <tr><td style="padding: 5px;">10,0</td><td style="padding: 5px;">±1,00</td></tr> <tr><td style="padding: 5px;">11,0</td><td style="padding: 5px;">±1,00</td></tr> <tr><td style="padding: 5px;">14,0</td><td style="padding: 5px;">±1,00</td></tr> <tr><td style="padding: 5px;">18,0</td><td style="padding: 5px;">±1,00</td></tr> </tbody> </table> | Nom.Diameter (mm) | Tolerance (mm) | 7,0 | ±0,50 | 8,0 | ±0,50 | 10,0 | ±1,00 | 11,0 | ±1,00 | 14,0 | ±1,00 | 18,0 | ±1,00 |
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| 14,0 | ±1,00 | | | | | | | | | | | | | | |
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| Availability | <table style="width: 100%; border: none;"> <tr> <td style="width: 20%; vertical-align: top;">Standard</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> - On spools - Sections cut to length - Fabricated as custome-specific profiles (e.g. O-rings) </td> </tr> <tr> <td style="vertical-align: top;">Compressibility</td> <td style="vertical-align: top;"> <table style="width: 100%; border: none;"> <tr><td style="width: 50%;">Hard</td><td>0 - 15%</td></tr> <tr><td>Medium</td><td>16 - 30%</td></tr> <tr><td>Soft</td><td>31 - 100%</td></tr> </table> </td> </tr> </table> | Standard | <ul style="list-style-type: none"> - On spools - Sections cut to length - Fabricated as custome-specific profiles (e.g. O-rings) | Compressibility | <table style="width: 100%; border: none;"> <tr><td style="width: 50%;">Hard</td><td>0 - 15%</td></tr> <tr><td>Medium</td><td>16 - 30%</td></tr> <tr><td>Soft</td><td>31 - 100%</td></tr> </table> | Hard | 0 - 15% | Medium | 16 - 30% | Soft | 31 - 100% | | | | |
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| Soft | 31 - 100% | | | | | | | | | | | | | | |
| Colour | Black | | | | | | | | | | | | | | |

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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