

PRODUCT DATA SHEET

BAGGES PGF-1-LEX

| Properties | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|-------------------|---------------------------|-------------------|----------------|-----------------------------|----------|------|---------------------------|-----------|------------------|--|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|
| Composition | <p>BAGGES PGF-1-LEX Sealing ropes are produced from a knitted texturised glass yarn core which is surrounded with a braid also produced from texturised glass yarns.</p> | | | | | | | | | | | | | | | | | | | | | | | | |
| Applications | <p>BAGGES-PGF-1-LEX Is used as thermal insulation for static sealing applications in dry environments where an effective seal between smooth surfaces is required. Typical applications include seals for hatches and doors for industrial boilers, furnaces, ovens and solid fuel stoves etc.</p> <p>BAGGES-PGF-1-LEX Ropes exhibit excellent flexibility making them suitable for application around small radii to achieve the desired fit for components manufactured to precise engineering tolerances.</p> <p>BAGGES-PGF-1-LEX Ropes are divided into three specific categories with regards to the ease by which they can be compressed. The categories are:</p> <ul style="list-style-type: none"> • BAGGES-PGF-1-LEX H (hard), • BAGGES-PGF-1-LEX M (medium) and • BAGGES-PGF-1-LEX S (soft). <p>Selection of the necessary grade of BAGGES-PGF-1-LEX (H, M or S) is an important factor to achieve the optimum efficiency with regards to minimizing thermal leakage for a particular application.</p> <p>BAGGES-PGF-1-LEX Can be used in certain applications at elevated temperatures up to 600°C.</p> | | | | | | | | | | | | | | | | | | | | | | | | |
| Availability | <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; padding: 5px;">Compressibility</td> <td style="padding: 5px;">BAGGES-PGF-1-LEX H (hard)</td> <td style="padding: 5px;">0 - 15%</td> </tr> <tr> <td></td> <td style="padding: 5px;">BAGGES-PGF-1-LEX M (medium)</td> <td style="padding: 5px;">16 - 30%</td> </tr> <tr> <td></td> <td style="padding: 5px;">BAGGES-PGF-1-LEX S (soft)</td> <td style="padding: 5px;">31 - 100%</td> </tr> <tr> <td style="padding: 5px;">Method of supply</td> <td colspan="2" style="padding: 5px;">On reels to customer specific length Sections cut to length Fabricated parts to customer drawings (e.g. O-rings)</td> </tr> </table> | Compressibility | BAGGES-PGF-1-LEX H (hard) | 0 - 15% | | BAGGES-PGF-1-LEX M (medium) | 16 - 30% | | BAGGES-PGF-1-LEX S (soft) | 31 - 100% | Method of supply | On reels to customer specific length Sections cut to length Fabricated parts to customer drawings (e.g. O-rings) | | | | | | | | | | | | | |
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| Colour | Neutral (white) Black | | | | | | | | | | | | | | | | | | | | | | | | |
| Diameter / Tolerance | <table border="1" style="width: 100%; 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> <th style="padding: 5px;">Nom.Diameter (mm)</th> <th style="padding: 5px;">Tolerance (mm)</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">8,0</td> <td style="padding: 5px;">±0,50</td> <td style="padding: 5px;">20,0</td> <td style="padding: 5px;">±2,00</td> </tr> <tr> <td style="padding: 5px;">10,0</td> <td style="padding: 5px;">±0,50</td> <td style="padding: 5px;">22,0</td> <td style="padding: 5px;">±2,00</td> </tr> <tr> <td style="padding: 5px;">12,0</td> <td style="padding: 5px;">±1,00</td> <td style="padding: 5px;">24,0</td> <td style="padding: 5px;">±2,00</td> </tr> <tr> <td style="padding: 5px;">15,0</td> <td style="padding: 5px;">±1,00</td> <td style="padding: 5px;">25,0</td> <td style="padding: 5px;">±2,00</td> </tr> <tr> <td style="padding: 5px;">16,0</td> <td style="padding: 5px;">±1,00</td> <td style="padding: 5px;">30,0</td> <td style="padding: 5px;">±2,00</td> </tr> </tbody> </table> | Nom.Diameter (mm) | Tolerance (mm) | Nom.Diameter (mm) | Tolerance (mm) | 8,0 | ±0,50 | 20,0 | ±2,00 | 10,0 | ±0,50 | 22,0 | ±2,00 | 12,0 | ±1,00 | 24,0 | ±2,00 | 15,0 | ±1,00 | 25,0 | ±2,00 | 16,0 | ±1,00 | 30,0 | ±2,00 |
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| 15,0 | ±1,00 | 25,0 | ±2,00 | | | | | | | | | | | | | | | | | | | | | | |
| 16,0 | ±1,00 | 30,0 | ±2,00 | | | | | | | | | | | | | | | | | | | | | | |

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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