

# PRODUCT DATA SHEET

## BAGGES PGF-4

Properties																													
Coposition	<p><b>BAGGES PGF-4</b> 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><b>BAGGES PGF-4</b> 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><b>BAGGES PGF-4</b> 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><b>BAGGES PGF-4</b> 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"> <li>• BAGGES PGF-4 H (hard),</li> <li>• BAGGES PGF-4 M (medium)</li> <li>• BAGGES PGF-4 S (soft).</li> </ul> <p>Selection of the necessary grade of BAGGES PGF-4 (H, M or S) is an important factor to achieve the optimum efficiency with regards to minimizing thermal leakage for a particular application.</p>																												
Temperatur range	Up to 600°C																												
Properties	<table border="1" style="margin: auto; border-collapse: collapse;"> <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="text-align: center;">8,0</td> <td style="text-align: center;">±0,50</td> <td style="text-align: center;">20,0</td> <td style="text-align: center;">±2,00</td> </tr> <tr> <td style="text-align: center;">10,0</td> <td style="text-align: center;">±0,50</td> <td style="text-align: center;">22,0</td> <td style="text-align: center;">±2,00</td> </tr> <tr> <td style="text-align: center;">12,0</td> <td style="text-align: center;">±1,00</td> <td style="text-align: center;">24,0</td> <td style="text-align: center;">±2,00</td> </tr> <tr> <td style="text-align: center;">15,0</td> <td style="text-align: center;">±1,00</td> <td style="text-align: center;">25,0</td> <td style="text-align: center;">±2,00</td> </tr> <tr> <td style="text-align: center;">16,0</td> <td style="text-align: center;">±1,00</td> <td style="text-align: center;">30,0</td> <td style="text-align: center;">±2,00</td> </tr> <tr> <td style="text-align: center;">18,0</td> <td style="text-align: center;">±1,00</td> <td style="text-align: center;">41,0</td> <td style="text-align: center;">±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	18,0	±1,00	41,0	±2,00
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Availability	<table style="width: 100%; border: none;"> <tr> <td style="width: 30%; vertical-align: top;">Compressibility</td> <td style="vertical-align: top;">BAGGES PGF-4 Hard BAGGES PGF-4Medium BAGGES PGF-4Soft</td> <td style="vertical-align: top; text-align: right;">0 - 15% 16 - 30% 31 - 100%</td> </tr> <tr> <td style="vertical-align: top;">Method of supply</td> <td colspan="2" style="vertical-align: top;">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-4 Hard BAGGES PGF-4Medium BAGGES PGF-4Soft	0 - 15% 16 - 30% 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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Properties	
Colour	Natural (white) 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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