



**FLEXITALLIC LIMITED**

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**PRODUCT REFERENCE:** *FLEXITALLIC 2001*

**DESCRIPTION:** *Flexitallic 2001 is a high performance gland packing manufactured from high strength p-aramid yarn treated with PTFE dispersion and high temperature lubricants. The packing construction is Flexitallic x-braid.*

**SERVICE:** *Flexitallic 2001 is suitable for sealing pumps and valves. Flexitallic 2001 has good chemical resistance and can be used to seal a wide range of chemical media including organic solvents, fuels, oils, steam and most commonly encountered alkali or acidic media. Flexitallic 2001 is exceptionally tough and it is particularly suitable for duties involving abrasive media.*

<i>pH Range</i>	<i>2 to 12</i>
<i>Temperature Range</i>	<i>-85 degC to +260 degC</i>
<i>Maximum Pressure</i>	<i>200 bar</i>
<i>Maximum Shaft Speed</i>	<i>15 m/s</i>

**AVAILABILITY:** *The following square section material is available in coils or as pre-formed rings:*

<i>mm</i>	<i>3.0,</i>	<i>4.0,</i>	<i>5.0,</i>	<i>6.5,</i>	<i>8.0,</i>	<i>9.5,</i>	<i>12.5</i>
<i>mm</i>	<i>14.0,</i>	<i>16.0,</i>	<i>19.0,</i>	<i>22.0,</i>	<i>25.0</i>		

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This Data Sheet relates to the material as supplied. The information contained herein is given in good faith, but no liability will be accepted by the Company in relation to same. The acquisition of additional information may necessitate revision to parts, or all, of this Data Sheet, and such information will be supplied as it becomes available. The information given and, in particular, any parameters, should be used for guidance purposes only. The Company does not give any warranty that the product will be suitable for the use intended by the Customer.

## **HEALTH AND SAFETY**

***Because of the processes which take place during manufacture, the product is believed to present no health and safety hazard and, under normal handling and use it is unlikely that the product will give rise to significant levels of exposure to constituent materials.***

***FLEXITALLIC 2001 contains aramid fibre, PTFE, and oil.***

***Under harsh mechanical treatment (e.g. abrasion) the constituents may give rise to irritant dust which, in extreme cases of exposure, could lead to more serious respiratory problems. Occupational exposure to such dusts should therefore be minimised and kept below relevant national exposure limits. Flexitallic Sealing Materials has adopted an in-house fibre control limit of 1 fibre per millilitre of air (8 hour TWA) for asbestos-free fibres which may be respirable. Good standards of hygiene should be applied during cutting, installation and removal and packing residues should be disposed of by transfer to a site appropriately licensed to accept industrial materials of this nature.***

***Although the constituents are non-flammable, at elevated temperatures or in a sustained fire, decomposition will occur and give rise to irritant and in some instances harmful or toxic fumes.***

***For more detailed information, reference must be made to our Health and Safety Bulletin, Sections 1, 2, 2.2, 2.8 (silicone oil, PTFE dispersion), 3, 3.1, and 3.4. This will enable you to carry out any necessary assessment of risk which may be required under national or local legislation.***