



FLEXITALLIC LIMITED

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PRODUCT REFERENCE: **FLEXITALLIC 803**

DESCRIPTION: *FLEXITALLIC 803 is a braided packing made by the superior x-plait process and is based upon a synthetic fibre in a form customised for use in packings. The product is impregnated intimately with PTFE and also treated with a break in lubricant.*

SERVICE: *FLEXITALLIC 803 is intended for rotary applications sealing water, steam, gas, most solvents, acid and moderate chemical services. Being free of pigments the packing will not cause any discolouration of the process medium.*

WRAS approved for use with potable water. Approval No. 0103501

pH Range 3 to 12

Temperature Range -40C to +150C

Maximum Shaft Speed 10 m/s

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

mm 3.0, 5.0, 6.5, 8.0, 9.5, 12.5, 14.0

mm 16.0, 19.0, 22.0, 25.0

PDS 702 01/2002

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 803 contains acrylic fibres, PTFE and oil.

Under harsh mechanical treatment (e.g. abrasion) or if the product has become friable by high temperature applications, 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 reinforcing fibres 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, 2.10, 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.

Although chemically different, we recommend that acrylic fibres be handled in accordance with the information supplied for aramid fibres.