



FLEXITALLIC LIMITED

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**PRODUCT
REFERENCE:**

FLEXITALLIC 1065

DESCRIPTION:

Flexitallic 1065 is a high quality gland packing, constructed by X –braiding a special PTFE yarn which incorporates graphite and a high temperature lubricant (GFO).*

SERVICE:

Flexitallic 1065 is primarily designed for rotary duties and is excellent for difficult sealing applications involving water, steam, slurries, solvents, oils and most acidic or alkaline corrosive duties.

pH Range	0 to 14*
Temperature Range	Up to 260C
Maximum Shaft Speed	20 m/s
Pressure max	350 bar
Rotating	20 bar
Reciprocating	100 bar
Static	350 bar

** Virtually all fluids can be handled with the exception of molten alkali metals and strong oxidising agents such as oleum, aqua-regia and fuming nitric acid.*

AVAILABILITY:

The following square section material is available in coils:

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

mm 16.0, 19.0, 22.0, 25.0

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 1065 contains PTFE, graphite 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. 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, 2.8 (silicone oil), 2.10, 3 and 3.4. This will enable you to carry out any necessary assessment of risk which may be required under national or local legislation.

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