

Flexitallic 801

801 compression packing, is constructed by X-braiding graphite impregnated PTFE yarn with reinforced multi-filament Aramid yarn corners.



Flexitallic 801 is primarily used in high speed rotary pump applications and for handling abrasive materials. The materials and construction provide a strong superior performance packing that provides low friction and is thermally conductive thus keeping the running temperatures low and the corners provide anti-extrusion and anti-wear properties at elevated operating temperatures.

It is suitable for a wide range of chemical media including water, steam, salt solutions, alkalis, organic solvents, mild acids, hydrocarbons and moderate chemical services. Most suited for rotary and plunger pumps.

- Materials of construction: Graphite impregnated PTFE yarns with multifilament aramid yarns all impregnated with a silicon-free break-in lubricant.
- Colour: Dark Grey / Black middle with Yellow Corners.
- Typical applications: Rotary and Plunger Pumps.



This Data Sheet refers 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.

We reserve the right to change the details given on this Data Sheet as additional information is acquired. Customers requiring the latest version of this Data Sheet should contact our Applications Engineering Department.

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 & Safety

For further Health and Safety information please see the relevant Material Safety Datasheets or contact Flexitallic UK Ltd.

Temperature: Maximum	280 °C (536 °F)
Minimum	-50 °C (-58 °F)
Pressure: Maximum	Rotating – 2.5 MPa (362 psi) Valve – n/a Reciprocating – 25 MPa (3625 psi)
Speed: Maximum	Rotating – 25 m/s (4921 fpm) Valve – n/a Reciprocating – 2 m/s (394 fpm)
pH Range	1 – 13
Standard Sizes (mm sq.)	3.2, 5.0 - 20m spools. 6.0, 6.5, 8.0, 9.5, 10.0, 11.0, 12.0, 12.5, 14.0, 14.5, 16.0, 18.0, 19.0, 22.0, 25.0 – 8m spools