

Flexitallic 900

Flexitallic 900 compression packing, is a high quality compression packing constructed by X-braiding PTFE yarn impregnated with graphite and a high temperature lubricant.



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.



Flexitallic 900 can be used in rotary, reciprocating and static sealing applications handling most chemical media. Exceptions are molten alkali metals and strong oxidizing media such as oleum, aqua regia and fuming nitric acid. It is particularly good in sealing water, steam, slurries, oils, acids and alkalis. Typical sealing applications include petrochemical, chemical, brewing, paper and pulp industries.

- Materials of construction: PTFE yarn impregnated with graphite and high temperature lubricant.
- Colour: Black.
- Typical applications: Pumps, Mixers and Control Valves.
- Approvals: **FDA compliance.**

Temperature: Maximum	260 °C (500 °F)
Minimum	-85 °C (-120 °F)
Pressure: Maximum	Rotating – 2 MPa (290 psi) Valve – 20 MPa (2900 psi) Reciprocating – 15 MPa (2174 psi)
Speed: Maximum	Rotating – 20 m/s (3937 fpm) Valve – 2 m/s (394 fpm) Reciprocating – 2 m/s (394 fpm)
pH Range	0 – 14
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