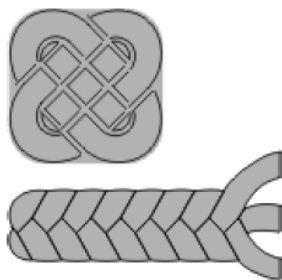


Flexitallic 306

Flexitallic 306 compression packing, is a high quality packing constructed by square -braiding high purity Exfoliated Graphite, reinforced with Inconel wire.



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 306 is a conformable, naturally lubricious braided packing primarily designed for use in high pressure, high temperature valve stem sealing applications. The soft compressible nature of Flexitallic 306 assists in providing a good sealing performance at relatively low loads which makes the packing particularly suitable for sealing actuated valves. Flexitallic 306 possesses excellent chemical resistance and is suitable for use in applications involving a wide range of media (with the exception of strong oxidising chemicals). This packing material is particularly suitable for sealing high pressure, high temperature valves in the petrochemical industries.

- Materials of construction: High purity Exfoliated Graphite and Inconel wire reinforcement.
- Colour: Black (shiny).
- Typical applications: Valves stems.
- Approvals: API-6FB Fire Safe.

Temperature: Maximum Minimum	460 °C (860 °F) / 650 °C (1202°F) in Steam -200 °C (-328 °F)
Pressure: Maximum	Rotating – 2.5 MPa (363 psi) Valve – 30 MPa (4350 psi) Reciprocating – 2.5 MPa (363 psi)
Speed: Maximum	Rotating – 1 m/s (197 fpm) Valve – 2 m/s (394 fpm) Reciprocating – 1 m/s (197 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