

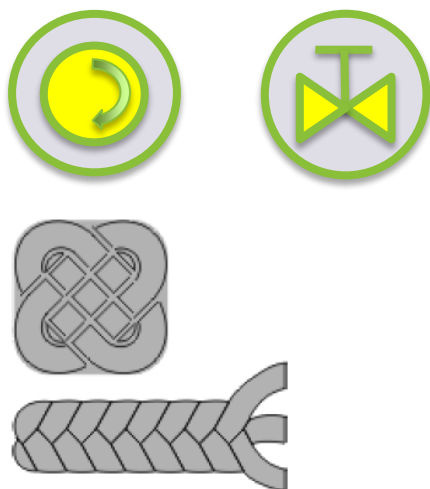
Flexitallic 305

Flexitallic 305 compression packing, is a high quality packing constructed by square -braiding high purity Exfoliated Graphite.



Flexitallic 305 can be used in sealing pump shafts and valve stems. The soft compressible nature of Exfoliated Graphite assists in providing a good sealing performance at relatively low loads. Flexitallic 305 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.
- Colour: Black (shiny).
- Typical applications: Rotary Pumps and Valves stems.
- API 589 Fire Safe approval.



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	460 °C (860 °F)
Minimum	-200 °C (-328 °F)
Pressure: Maximum	Rotating – 2.5 MPa (363 psi) Valve – 20 MPa (2900 psi) Reciprocating – 10 MPa (1450 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