

Technical Data Sheet

Flexitallic 306

Compression Packing

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

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.

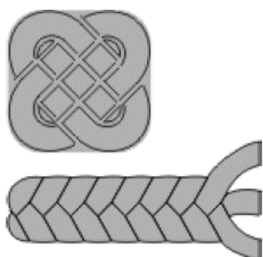


Materials of construction: High purity Exfoliated Graphite and Inconel wire reinforcement.

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



Certificate Number: 14352
 ISO 9001



Care should be taken in selecting the most suitable quality for each application. Advice is available, but final responsibility remains with the customer.

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