

Technical Data Sheet

Flexitallic 305

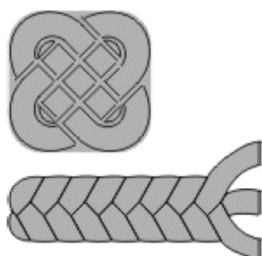
Compression Packing

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.



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



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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