

Technical Data Sheet

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.

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

Compression Packing



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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