

Technical Data Sheet

Flexitallic 310

Compression Packing

Flexitallic 310 compression packing, is constructed by X-braiding high quality Carbon filament reinforced Graphite tape with a secondary reinforcement using additional strands of Carbon yarn.

Flexitallic 310 can be used in valve stems, rotary and reciprocating applications handling most chemical media. Flexitallic 310 is particularly suitable for use in stainless steel equipment handling high temperature and high pressure fluids, where corrosion issues may be encountered. The additional strands of Carbon yarn reinforcement provides stability, resilience and anti-extrusion properties. This packing style does not damage / wear the shaft / spindle. Typical sealing applications include use in power generation (steam valves, boiler-feed pumps, condensate pumps etc), chemical and petrochemical industries. Suitable for most chemicals except strong oxidizing agents such as sulphuric and nitric acids in high concentrations, oleum and aqua-regia.



- Materials of construction: Graphite tape reinforced with carbon filaments and carbon fibre yarn.
- Colour: Black (shiny).
- Typical applications: Valve stems, mixers, rotary and reciprocating pumps.



Temperature: Maximum Minimum	430 °C (806 °F) / 650°C (1202 °F) in Steam -50 °C (-58 °F)
Pressure: Maximum	Rotating – 2.5 MPa (362 psi) Valve – 45 MPa (6525 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.

Web: www.epdm.co.uk

E-Mail: Sales@epdm.co.uk

Contact

Telephone: +44 (0)1625 573971

FAX: +44(0)1625 573250

PTM Ltd

Units AG2/3 Clarence Mill

Clarence Road, Bollington

Macclesfield, Cheshire

SK10 5JZ

United Kingdom