

Technical Data Sheet

Compression Packing

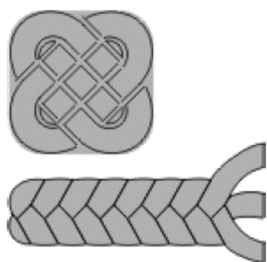
Flexitallic 45

Flexitallic 45 compression packing, is a soft packing constructed by square - braiding high quality Cotton yarn heavily greased and graphited.



Flexitallic 45 can be used in rotary and reciprocating applications handling most chemical media. It is especially used in applications involving concentrated acids or where non-contamination of the product is required. The relatively soft and conformable nature of Flexitallic 45 enables sealing to be achieved with minimum gland pressure. Typical sealing applications include hot and Cold water, aggressive chemicals, foodstuffs and pharmaceuticals.

- Materials of construction: High quality soft Cotton yarn impregnated with grease (break-in lubricant) and graphite finish.
- Colour: Black.
- Typical applications: Pumps, Mixers and Valves.



Temperature: Maximum	120 °C (248 °F)
Minimum	-20 °C (-5 °F)
Pressure: Maximum	Rotating – 2.5 MPa (365 psi) Valve – 7 MPa (1015 psi) Reciprocating – 10 MPa (1450 psi)
Speed: Maximum	Rotating – 5 m/s (984 fpm) Valve – 2 m/s (394 fpm) Reciprocating – 2 m/s (394 fpm)
pH Range	5 – 9
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

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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