

Technical Data Sheet

Flexitallic 45

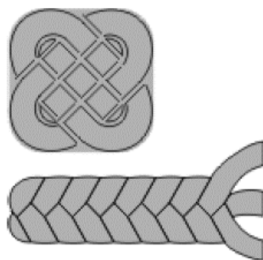
Compression Packing

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 |



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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