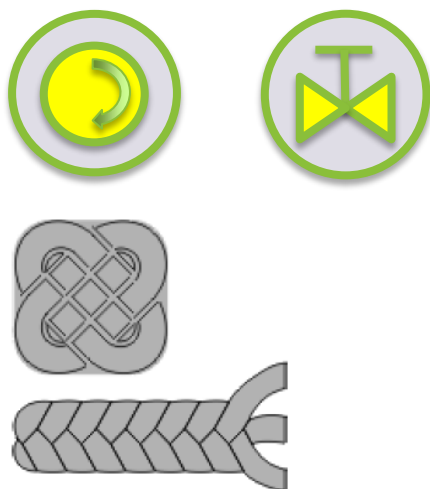


Flexitallic 50



Style 50 is an X-Braided compression packing, constructed from Ramie yarn heavily impregnated with PTFE.



Flexitallic 50 can be used in rotary and reciprocating applications specifically for the marine industry. It has a relatively high level of chemical resistance, extremely wear resistant with low friction properties, resistant to pressure and does not swell or rot in water thus providing a long service life. This is an economic packing for general water and marine applications. The relatively strong yet conformable nature of Flexitallic style 50 provides high pressure sealing to be achieved over long periods of time. Typical sealing applications include cold and warm fresh and sea water, potable water, solutions with solid particles, oils and solvents.

- Materials of construction: High quality Ramie yarn heavily impregnated with PTFE.
- Colour: Yellow / tan yarn with white impregnation.
- Typical applications: Rotary Pumps and Mixers, Reciprocating Pumps.
- FDA Compliant

This Data Sheet refers to the material as supplied. The information contained herein is given in good faith, but no liability will be accepted by the Company in relation to same.

We reserve the right to change the details given on this Data Sheet as additional information is acquired. Customers requiring the latest version of this Data Sheet should contact our Applications Engineering Department.

The information given and, in particular, any parameters, should be used for guidance purposes only. The Company does not give any warranty that the product will be suitable for the use intended by the customer.

Health & Safety

For further Health and Safety information please see the relevant Material Safety Datasheets or contact Flexitallic UK Ltd.

Temperature: Maximum	120 °C (248 °F)
Minimum	-40 °C (-40 °F)
Pressure: Maximum	Rotating – 4 MPa (580 psi) Valve – 7 MPa (1015 psi) Reciprocating – 100 MPa (14500 psi)
Speed: Maximum	Rotating – 13 m/s (2559 fpm) Valve – 2 m/s (394 fpm) Reciprocating – 2 m/s (394 fpm)
pH Range	5 – 11
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