

**Technical Data Sheet**

**Compression Packing**

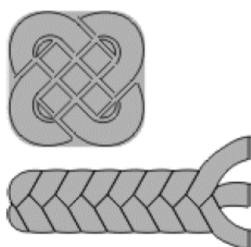
**Flexitallic 50**

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



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



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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