

Technical Data Sheet

Flexitallic 802

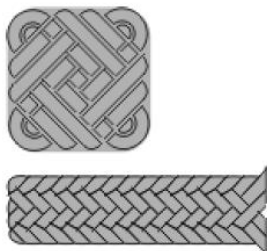
Flexitallic 802 compression packing, is constructed by X-braiding white PTFE yarn with reinforced multi-filament Aramid yarn corners.

Flexitallic 802 is primarily used in high speed rotary pump applications and for handling abrasive materials. The materials and construction provide a strong superior performance packing that provides low friction and the corners provide anti-extrusion and anti-wear properties at elevated operating temperatures. It is suitable for fine powders including sugar and other food stuffs, in addition it is resistant to a wide range of chemical media including water, steam, salt solutions, alkalis, organic solvents, mild acids, hydrocarbons and moderate chemical services. Most suited for rotary and plunger pumps, mixers and valves.

Materials of construction: White PTFE yarns with multifilament aramid yarns all impregnated with a silicon-free break-in lubricant.

Colour: White middle with Yellow Corners.

Typical applications: Rotary and Plunger Pumps, Mixers and Valves.



Temperature: Maximum	280 °C (536 °F)
Minimum	-50 °C (-58 °F)
Pressure: Maximum	Rotating – 2.5 MPa (362 psi) Valve – 25 MPa (3625 psi) Reciprocating – 25 MPa (3625 psi)
Speed: Maximum	Rotating – 20 m/s (3937 fpm) Valve – 2 m/s (394 fpm) Reciprocating – 2 m/s (394 fpm)
pH Range	2 – 13
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

Compression Packing



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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