

## Technical Data Sheet

# Flexitallic 801

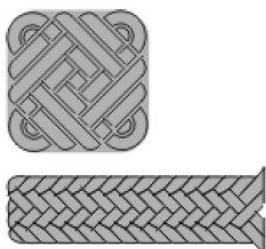
# Compression Packing

Flexitallic 801 compression packing, is constructed by X-braiding graphite impregnated PTFE yarn with reinforced multi-filament Aramid yarn corners.

Flexitallic 801 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 is thermally conductive thus keeping the running temperatures low and the corners provide anti-extrusion and anti-wear properties at elevated operating temperatures. It is suitable for 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.



- Materials of construction: Graphite impregnated PTFE yarns with multifilament aramid yarns all impregnated with a silicon-free break-in lubricant.
- Colour: Dark Grey / Black middle with Yellow Corners.
- Typical applications: Rotary and Plunger Pumps.



Temperature: Maximum	280 °C (536 °F)
Minimum	-50 °C (-58 °F)
Pressure: Maximum	Rotating – 2.5 MPa (362 psi) Valve – n/a Reciprocating – 25 MPa (3625 psi)
Speed: Maximum	Rotating – 25 m/s (4921 fpm) Valve – n/a Reciprocating – 2 m/s (394 fpm)
pH Range	1 – 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



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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