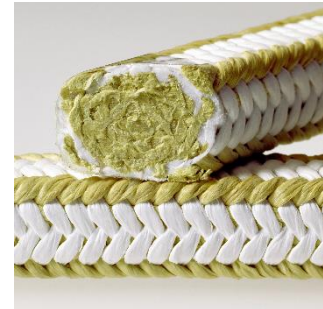


Aramid-PTFE packing



Article description: P643

Article forms: Rectangular or quadratic
Also zebra braid possible

Preparations: Without any additionally preparation

Materials: Sintered, highly drawn PTFE multifilament fibres (tread)
Aramid continuous fibre (p-aramid) with PTFE lubricant additive (paraffin oil) on edges and in the core

Mechanical properties:

- Good pressure resistance
- Low wear
- Aramid fibres are sensitive to UV radiation

Thermal properties:

Aramid continuous fibres (p- Aramid)

- Flammable, but self-extinguishing
- Max. continuous temperature 250 °C
- Short-term 300 °C possible

PTFE multifilament fibres

- Max. continuous temperature 250 °C
- Short-term 280 °C possible

Chemical properties:

- Good resistance to solvents, fuels, lubricants, salt water, waste water, abrasive media (sand, sludge)
- Not resistant to highly concentrated acids and alkalis, alkali metals, fluorine and their compounds at high pressures and temperatures

Applications:

Mainly for piston pumps, but also for centrifugal pumps, mixers and valves in the general and chemical industry as well as in papermaking.

Application limits:

	p (bar)	v _g (m/s)	pH	T (°C)
Pumps	150	10,0	2-12	-100 to 250
Pistons	1000	1,0		
Valves	500	1,0		

Dimensions: 7 - 25 mm edge length quadratic or rectangular (tolerance +/- 10 %)