



Aramid packing



Article description:	P644
Article forms:	Rectangular or quadratic
Preparations:	Without any additionally preparation
Materials:	Aramid continuous fibre (p-aramid) with PTFE and lubricant additive (paraffin oil)

Mechanical properties:

- High pressure resistance
- Low friction coefficient
- Sensitivity to UV radiation

Thermal properties:

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

Chemical properties:

- Good resistance to solvents, fuels, lubricants, salt water, waste water, abrasive media (sand, sludge)
- some strong acids and alkalis, alkali metals are attacked aramid fibres

Applications:

Universally applicable for centrifugal pumps, piston pumps, valves and mixers in industries such as paper, sugar, pharmaceuticals, chemicals, refineries, power plants and steel mills.

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: 5 - 25 mm edge length quadratic or rectangular (tolerance +/- 10 %)