



PTFE-Graphite- packing

- Article description:** P639
- Article forms:** Rectangular or quadratic
- Preparations:** Without any additionally preparation
- Materials:** Graphite-filled PTFE multifilament fibres



Mechanical properties:

- Good pressure resistance
- Low friction coefficient
- High cross-sectional density and structural strength

Thermal properties:

- Non-flammable

PTFE multifilament fibres

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

Chemical properties:

- Extremely resistant to alkalis, alcohols, ketones, gasolines, oils
- Not resistant to strong reducing agent such as solutions of alkali metals (e.g. sodium) in liquid ammonia or against very strong oxidizing agents such as elemental fluorine at high temperatures

Applications:

Universal application in centrifugal pumps, control valves and special constructions in the food industry, chemistry and pharmacy, in mixers and agitators.

Application limits:

	p (bar)	v _g (m/s)	pH	T (°C)
Pumps	25	20	0-14	-200 to 250
Pistons	200	2,0		
Valves	100	1,5		

Dimensions: 3 - 25 mm edge length quadratic or rectangular (tolerance +/- 10 %)