

**Gland packings****Cellulose packing**

Article description:	C639
Article forms:	Rectangular or quadratic
Preparations:	Without any additionally preparation
Materials:	Cellulose fibres with PTFE/ graphite and silicone oil

**Cellulose fibres****Mechanical Properties:**

- Due to the more uniform yarn surface, lower contact pressures are necessary
→ Less wear of the shafts, shaft sleeves, spindles
- Higher service life: Due to a higher absorbency of the special cellulose fibres than cotton, there is a better preparation

Thermal properties:

- Max. continuous temperature 120 - 140 °C
- Short-term 170 °C possible
- From 180 °C thermal decomposition

Chemical properties:

- Resistant to cold and warm water, seawater, wastewater, diluted alkaline solutions, fats, oils
- Not resistant to highly concentrated acids and alkalis

Applications: Pumps, Pistons and Valves.

Application limits:

	p (bar)	v _g (m/s)	pH	T (°C)
Pumps	25	12	5-12	-50 to 140
Pistons	60	2,0		
Valves	100	1,5		

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