



Gland packings

**Cellulose packing**



<b>Article description:</b>	C609
<b>Article forms:</b>	Rectangular or quadratic
<b>Preparations:</b>	Without any additionally preparation
<b>Materials:</b>	Cellulose fibres with PTFE 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 <sub>g</sub> (m/s)	pH	T (°C)
Pumps	25	12	5-12	-50 to 40
Pistons	60	2,0		
Valves	100	1,5		

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