



## Novoloid packing

<b>Article description:</b>	P646
<b>Article forms:</b>	Rectangular or quadratic
<b>Preparations:</b>	PTFE impregnation with silicone-free lubricant
<b>Materials:</b>	Novoloid fibre yarn (phenolic aldehyde)

### Mechanical properties:

- Good sliding properties and thermal conductivity
- Pressure resistant

### Thermal properties:

#### Novoloid fibre

- Max. continuous temperature 150 °C on air
- Max. continuous temperature 200 - 250 °C under exclusion of oxygen

#### PTFE impregnation

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

### Chemical properties:

- Good resistance to cold and hot water, seawater, steam, acids and alkalis, chemicals, solvents, fuels, lubricants, oils, fats
- Not resistant to concentrated or hot sulfuric acid ( $H_2SO_4$ , > 60%), nitric acid (> 10%) and strong alkalis

### Applications:

Use in pumps, agitators and valves in the chemical industry, cellulose and paper mills as well as in marine applications.

### Application limits:

	p (bar)	v <sub>g</sub> (m/s)	pH	T (°C)
Pumps	30	20,0	1-13	-150 to 250
Pistons	100	2,5		
Valves	150	1,5		

**Dimensions:** 4 - 30 mm edge length quadratic or rectangular (tolerance +/- 10 %)