

# thoenes

## **PTFE/PTFE- Graphite packing**

Article description: Article forms: P620; P620/W Rectangular or quadratic

Preparations:

Materials:

Without any additionally preparations

Sintered high-stretch PTFE multifilament fibres (edge reinforcement) and graphite-filled PTFE multifilament fibres (tread)

### Mechanical properties:

- Very good sliding properties
- Gentle on the shaft, no splitting

#### **Thermal properties:**

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

#### Chemical properties:

- Universally chemically resistant (against acids and alkalis and crystallized media)
- Not resistant to strong oxidizing media such as oleum, fuming nitric acid, elemental fluorine, molten or dissolved alkali metals

#### **Applications:**

Centrifugal and piston pumps, autoclaves, paddle dryers, mixers, kneaders, agitators, filters.

#### **Application limits:**

	p (bar)	v <sub>g</sub> (m/s)	рН	T (°C)
Pumps	25	20,0		
Pistons	250	2,0	0-12	-100 up to 250
Valves	250	-		

#### Dimensions: 7 - 25 mm edge length quadratic or rectangular (tolerance +/- 10 %)

The above information is based on the current state of our knowledge of the product and is made to the best of our knowledge and belief. A warranty claim cannot be derived from this information. All previous issues hereby lose their validity.