



**TYPE 4007**

**PURE-GRAPHITE-RINGS**



**APPLICATION AREAS:**

Graphite stuffing box rings allow the stable sealing of nearly all media within the temperature range of -200°C and +650° C and up to a pressure load of 500 bar, keeping their physical properties even under extreme operating conditions. The service life of pure graphite sealing rings mostly corresponds with the durability of fittings, sliders, valves etc.

**APPLICATION MEDIA:**

Type 4007 Graphite rings can be successfully used with nearly all media in high-pressure fittings and steam valves, in power plants, petrochemical facilities, chemical plants, etc.

**NOT SUITABLE FOR:** Strongly oxidizing media.

**MATERIAL COMPOSITION:**

High quality pure graphite tape with a purity of at least 99,8 % pressed in form to the requested density.

**PROPERTIES:**

Type 4007 Graphite-stuffing-box-rings are hightemperature-proof and permanently elastic sealing rings made of pure graphite for spindle sealings in fittings, valves, etc.

**BENEFITS:**

- Media range pH 0 – 14
- fireproof up to + 900 °C
- Temperature range – 200 up to + 500 °C steam applications up to + 650 °C
- Pressure range up to 250 bar (with anti-extrusion rings up to 500 bar)
- Permanently elastic, flexible
- No curing or ageing
- Low maintenance, durable

<b>TEMP</b>	<b>- TEMP</b>	<b>+ TEMP</b>	<b>STEAM</b>
°C	- 200 °C	+ 500 °C	+ 650 °C

<b>FIREPROOF</b>
+ 900 °C

<b>PRESSURE</b>	<b>ROTATING</b>	<b>RECIPROCATING</b>	<b>STATIC</b>
BAR	10	-	bis 500

<b>pH</b>	0 – 14		
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<b>DENSITY</b>	<b>V</b>	<b>M/S</b>	
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Since all parameters indicated in this catalog represent only rough values concerning characteristics, specification and applications, and can influence each other mutually, the specific application in each case should not be carried out without independent testing and evaluation. All technical information and recommendations are based on experience acquired to date.

Errors on the selection of sealing can lead to damage. Specifications concerning characteristics, specification and applications are implemented subject to unannounced future changes. RUHRLAND STOPFBÜCHSEN PACKUNG GmbH does not assume any liability of any type.