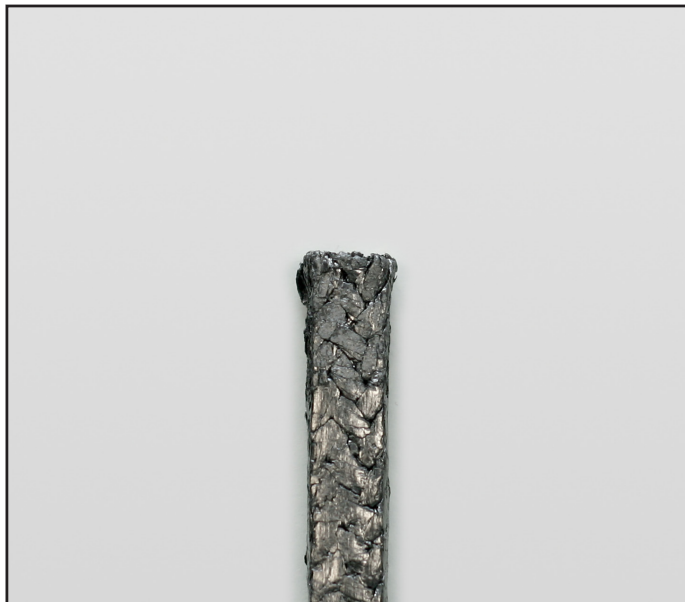




## TYPE 4004

## EXPANDED-GRAPHITE-PACKING WITH REINFORCED-METAL



### APPLICATION AREAS:

All steam and other valves in power stations, refineries, the petrochemical industry, steel mills and many others.

### APPLICATION MEDIA:

Steam, water, fuel, gases, condensate, oils, effluents, process water and chemical solutions in all processes, except with highly oxidizing media.

### BENEFITS:

Suitable for a very wide range of applications, Type 4004 can reduce stock inventories considerably. Excellent alternative to high temperature / high pressure asbestos valve packings. Easy to install, because very flexible and conformable.

### NOT SUITABLE FOR:

Highly oxidizing agents

### MATERIAL COMPOSITION:

Diagonal braid of pure, expanded flexible graphite ribbons, reinforced with fine metal wires.

### PROPERTIES:

Combines the benefits of a coil-form packing with the sealing efficiency of pre-formed pure graphite rings; high pressure- and extrusion resistance; excellent thermal conductivity; suitable for a wide temperature range from -200 °C up to +650 °C in steam and non-oxidizing gases, and up to +450 °C in oxidizing media; pressures up to 400 bar can be sealed under ideal mechanical conditions at lower temperatures.

<b>TEMP</b>	<b>- TEMP</b>	<b>+ TEMP</b>	<b>STEAM</b>	<b>INERTGAS</b>
°C	- 240 °C	+ 450 °C	+ 650 °C	+ 1000 °C

<b>pH</b>	<b>DENSITY</b>
0-14	1,1

<b>PRESSURE</b>	<b>ROTATING</b>	<b>RECIPROCATING</b>	<b>STATIC</b>
BAR	-	-	400

<b>V</b>	<b>M/S</b>
-	-

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.