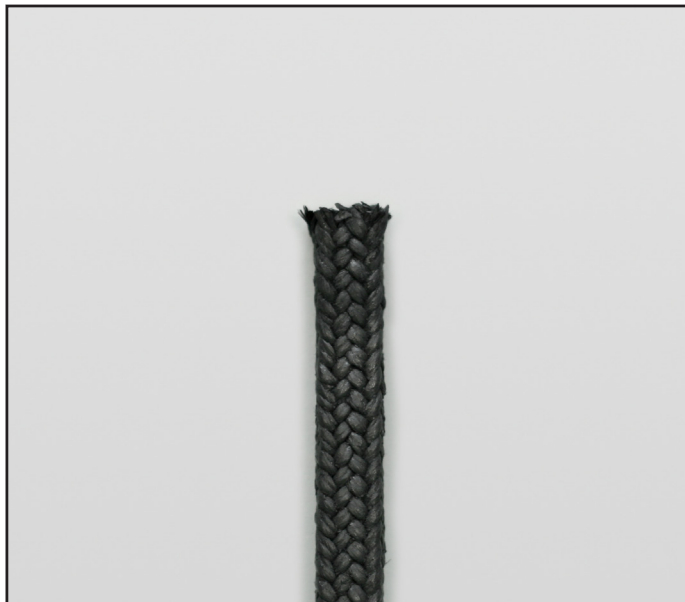




## TYPE 4000

## CARBON-FIBRE-PACKING



### MATERIAL COMPOSITION:

Diagonally braided from high quality pure carbon fibre yarn, impregnated with graphite and a corrosion inhibitor.

### PROPERTIES:

Type 4000 lacks the usual stiffness of conventional carbon packings. Good flexibility and heat dissipating properties, very low coefficient of friction. Excellent chemical and thermal stability. Type 4000 is very well suited as top and end rings in combination with type 4008.

It prevents gap-extrusion of the softer flexible graphite.

### APPLICATION AREAS:

Can be used equally well in pumps, also boiler feed pumps, valves, mixers, refiners, etc. in many different industries like pulp- and paper, power stations, chemical and pharmaceutical industry and many more.

### APPLICATION MEDIA:

Type 4000 covers the full pH-range and can be used with nearly all media: cold and hot water, steam, chemicals, hot gases, alcohol, solvents, heat transfer agents, etc.

### BENEFITS:

Because type 4000 is a very affordable high quality all-round packing, many companies have standardized on it. Because its coefficient of thermal expansion is very similar to that of steel it needs less adjustments of the gland. Low coefficient of friction means low shaft wear.

Its low specific gravity results in excellent economy. Type 4000 closes the gap (also price-wise) between conventional packings and pure graphite packings.

### NOT SUITABLE FOR:

Highly concentrated corrosive acids.

TEMP	- TEMP	+ TEMP	STEAM
°C	- 240 °C	+ 450 °C	+ 650 °C

pH	DENSITY
0-14	1,1

PRESSURE	ROTATING	RECIPROCATING	STATIC
BAR	25	100	300

V	M/S
-	20

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.