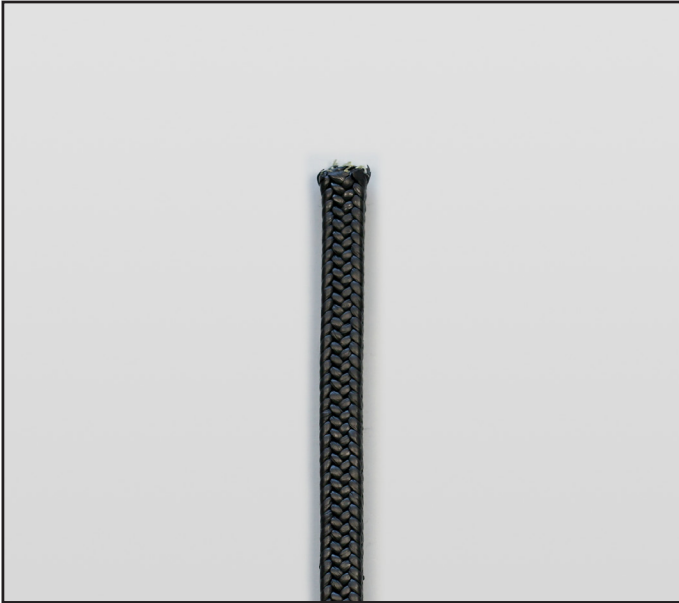




TYPE 5006

GRAPHITE-PTFE-ARAMID-PACKING



APPLICATION AREAS:

Type 5006 is an ideal packing for applications requiring highest chemical resistance and mechanical strength. It is recommended for rotating and reciprocating pumps, valves, mixers, agitators, etc., in the chemical, pharmaceutical and many other industries. Type 5006 is particularly suited for the demanding applications in refiners, digestors and similar equipment in the pulp and paper industry.

APPLICATION MEDIA:

The superior extrusion resistance of type 5006 - four times higher than conventional gPTFE packings - makes it ideal for applications with chemically aggressive fluids at high shaft speeds and pressures. It can also be used in connection with water, sewage, steam, inert and aggressive gases, solvents, mineral oils and greases, abrasive media and many more.

BENEFITS:

Because this exclusive packing can be used in most applications by most industries, it can lower stock volumes considerably. No other packing combines so many advantages: the strength of Aramid - without its abrasiveness and limited chemical resistance- and the suppleness, chemical resistance, low coefficient of friction and heat dissipation of PTFE/graphite - but without its extrusion problems.

NOT SUITABLE FOR:

Molten alkali metals and fluorine compounds at high temperatures and pressures, oxygen.

MATERIAL COMPOSITION:

Type 5006 is diagonally braided from a proprietary yarn which consists of a core of Aramid fibers totally encased by gPTFE (PTFE with incorporated graphite), lubricated with silicone oil.

PROPERTIES:

The unique, patented yarn gives this packing exceptional properties. Every single yarn owns the most desirable characteristics: high mechanical strength from the Aramid core and the superior chemical resistance, self lubrication, low coefficient of friction and excellent heat dissipation from the external PTFE/graphite jacket. Chloride content < 20 ppm

TEMP	- TEMP	+ TEMP	STEAM
°C	- 100 °C	+ 280 °C	-

pH	DENSITY
0-14	1,6

PRESSURE	ROTATING	RECIPROCATING	STATIC
BAR	30	250	250

V	M/S
-	25

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.