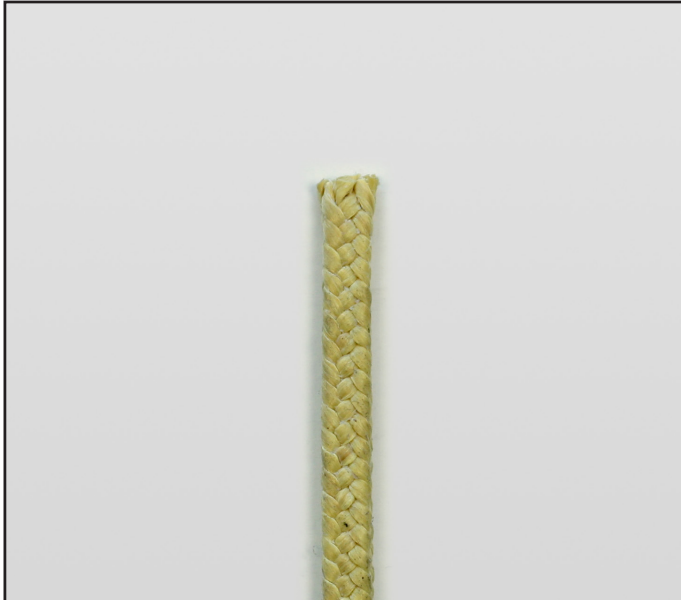




TYPE 5000

ARAMID-PACKING



MATERIAL COMPOSITION:

Diagonally braided from continuous Aramid fibres, impregnated with PTFE and high temperature silicone oil.

PROPERTIES:

Extremely tough and durable packing with a chemical compatibility better than PTFE-lubricated asbestos and the unsurpassed mechanical strength of Aramid. The impregnation with PTFE and lubricant results in a low coefficient of friction and allows shaft speeds up to 15 m/sec. However, due to the toughness of Aramid we recommend a shaft (sleeve) hardness > 60 HRC.

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

PRESSURE	ROTATING	RECIPROCATING	STATIC
BAR	35	200	250

APPLICATION AREAS:

Although mainly designed as a rotary pump packing, type 5000 is also suited for valves and piston pumps, mixers and reactors in the following industries: pulp and paper, pharmaceutical, food, sugar, chemical and petro-chemical, power stations, steel mills and many more. Also ideal as anti-extrusion rings in combination with softer packings.

APPLICATION MEDIA:

The chemical resistance of Aramid together with the PTFE-impregnation allows this packing to be used in connection with most chemicals (except very corrosive ones), water, steam, oils, solvents, etc., while its extreme abrasion resistance makes it ideal for use with abrasive sand, slurry and other gritty media.

BENEFITS:

Extremely durable and abrasion resistant packing suitable for a wide variety of media in many different industries.

NOT SUITABLE FOR:

Highly concentrated acids, caustic solutions, alkali metals, oxygen.

pH	DENSITY
2-12	1,5

V	M/S
-	15

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.