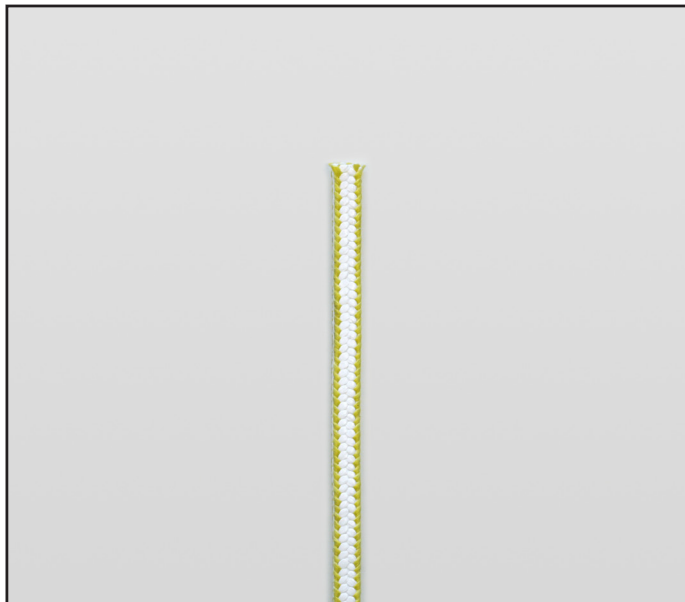




**TYPE 5003**

**PURE PTFE-ARAMID-COMBINATION-PACKING**



**APPLICATION AREAS:**

For pumps, valves and plungers in connection with nearly all media - also abrasive ones - where long packing life is required. Particularly suited for use in high pressure piston pumps.

**APPLICATION MEDIA:**

Suited for nearly all media including steam, oils, solvents, diluted acids and alkalies. Also for abrasive media like sand, slurry, sewage, brine etc.

**BENEFITS:**

Long packing life in connection with abrasive media. Extremely pressure resistant in piston pumps. Does not extrude because of Aramid corners. Suitable for a wide range of media.

**NOT SUITABLE FOR:**

Concentrated acids and lyes, alkali metals, fluorine and fluorine compounds at high temperatures, oxygen.

**MATERIAL COMPOSITION:**

Diagonally braided from pure PTFE yarn, reinforced with Aramid yarn at the corners, impregnated with PTFE-dispersion and lubricated with silicone oil.

**PROPERTIES:**

High performance multi-yarn packing combining the advantages of chemically inert PTFE with strong and durable Aramid. Multipurpose packing for valves, rotary- and piston pumps. We recommend a shaft hardness of  $\geq 60$  HRC.

<b>TEMP</b>	<b>- TEMP</b>	<b>+ TEMP</b>	<b>STEAM</b>
°C	- 100 °C	+ 280 °C	-

<b>pH</b>	<b>DENSITY</b>
2-12	1,6

<b>PRESSURE</b>	<b>ROTATING</b>	<b>RECIPROCATING</b>	<b>STATIC</b>
BAR	30	100	180

<b>V</b>	<b>M/S</b>
-	12

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.