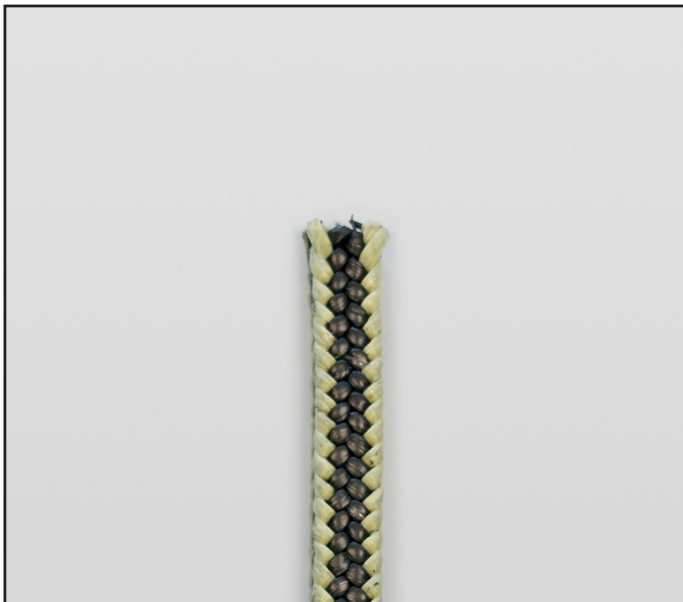




TYPE 5004

GRAPHITE-ARAMID-PTFE-COMBINATION-PACKING



APPLICATION AREAS:

Multi-purpose packing, particularly well suited for use in piston pumps, mixers, stirrers, reactors, for industrial and chemical process valves, good for high pressure applications.

APPLICATION MEDIA:

Can be used with a wide variety of media including abrasive ones: cold and hot water, steam, solvents, oils, greases, diluted acids and lyes, brine, sewage etc.

BENEFITS:

Type 5004 is particularly well suited for difficult sealing applications, i.e. with high pressures or abrasive media, such as ensuring longer service life. Combines exceptional extrusion resistance and high mechanical strength with good chemical and thermal stability.

MATERIAL COMPOSITION:

Diagonally braided from gPTFE-yarn (PTFE with incorporated graphite), reinforced at the corners with continuous Aramid yarn, lubricated with silicone oil.

PROPERTIES:

Type 5004 is a high performance multi-yarn packing, which combines the advantages of the supple gPTFE material with those of tough and durable Aramid. This results in reduced shaft-wear and better thermal conductivity than standard Aramid packings.

NOT SUITABLE FOR:

Highly concentrated acids and lyes, alkali metals, fluorine and fluorine compounds at high temperatures.

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

| pH | DENSITY |
|------|---------|
| 2-12 | 1,6 |

| PRESSURE | ROTATING | RECIPROCATING | STATIC |
|----------|----------|---------------|--------|
| BAR | 30 | 200 | 200 |

| 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.