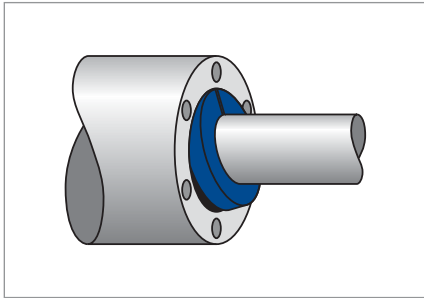


MERKEL KOMBILON 6742



PRODUCT DESCRIPTION

Merkel Kombilon consists of an elastic combination braid made from carbon and PTFE yarns. The packing is impregnated with a special PTFE compound and running-in lubricant. The specific composition of Merkel Kombilon ensures very low frictional forces and a high elasticity. This makes the packing especially suitable for mixers and agitators.

The packing maintains its elasticity even after prolonged operation and under high contact pressure. The specially processed carbon yarn is very flexible and protects the shaft particularly well.

PRODUCT ADVANTAGES

- Low leakage rates even with slight shaft deflection
- Long service life
- Excellent performance even at high temperatures.

APPLICATION

Rotary pumps, valves.

OPERATING CONDITIONS

Rotary pumps

Operating pressure	Temperature	Speed	pH value
25 bar	-100 ... +280 °C	20 m/s	0 ... 14

Valves

Operating pressure	Temperature	pH value
160 bar	-100 ... +280 °C	0 ... 14

Media

Alkalis, all forms of solvents, alcohols, ketones, esters, oils, acids, hot water, boiler lye, brine, ammonia.

Exceptions: strongly oxidising acids.