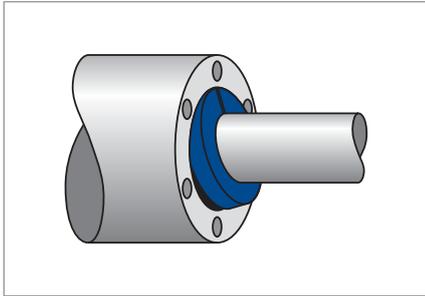


MERKEL UNISTAT 6303



PRODUCT DESCRIPTION

Merkel Unistat 6303 is braided from a graphite-filled PTFE yarn. The high graphite content ensures good heat dissipation and the PTFE material ensures excellent friction behaviour. The dense and pressure-resistant structure makes the packing especially suitable for plunger pump applications. Due to its chemical resistance, Merkel Unistat 6303 is universally suitable for applications in the chemicals industry. The packing material is approved for use in the food processing industry.

PRODUCT ADVANTAGES

- High chemical and pressure resistance
- Excellent heat dissipation
- Low leakage.

APPLICATION

Plunger pumps, valves.

OPERATING CONDITIONS

Plunger pumps

Operating pressure	Temperature	Speed	pH value
800 bar*	-200 ... +280 °C	2 m/s	0 ... 14

Valves

Operating pressure	Temperature	pH value
250 bar	-200 ... +280 °C	0 ... 14

* installation with end rings

Media

Steam, condensation, alkalis, solvents, almost all acids. Exceptions: highly concentrated nitric acid, oleum. Suitable for use with gaseous oxygen (65 bar to 40 °C/50 bar to 200 °C). Tested by the BAM (Federal Institute for Research and Material Testing).