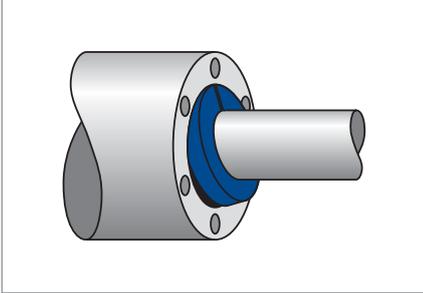


MERKEL ALCHEM 6375



PRODUCT DESCRIPTION

Merkel Alchem is made from pure PTFE yarns and is additionally impregnated with PTFE. This guarantees excellent chemical resistance. The high cross sectional density and the tight braid structure ensure a very good sealing behaviour. The packing has a good form stability and a low shrinkage behaviour. Alchem is thus also well suited for plunger pumps.

A special type, Merkel Alchem ST, is available for gaseous oxygen, drinking water and for the food processing industry.

PRODUCT ADVANTAGES

- Very low leak rates
- Very low shrinkage behaviour
- No danger of colour contamination.

APPLICATION

Plunger pumps, valves.

OPERATING CONDITIONS

Plunger pumps

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

* installation with end rings

Valves

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

Media

All chemicals including concentrated hot acids and alkalis.
Exceptions: molten alkali metals, fluorine and some fluorine compounds.