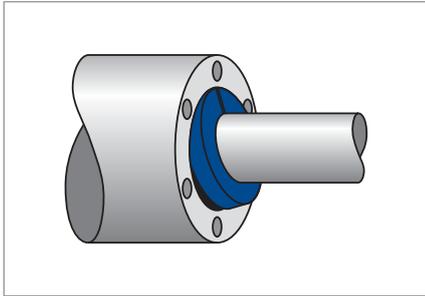


# MERKEL AROCHEM S 6216



## PRODUCT DESCRIPTION

Merkel Arochem S combines the advantages of two highly developed yarn materials for the sealing of high-speed shafts.

The special running properties of thermally-resistant PTFE-graphite compound yarns guarantees shaft protection and allows for brief dry running without damage. The wear-resistant aramide yarn edges prevent extrusion and protects against abrasive media. Merkel Arochem S contains a universally stable silicone-free running-in lubricant. This ensures sufficient lubrication during the critical running-in phase.

## PRODUCT ADVANTAGES

- Smooth sliding, low friction
- Prevents extrusion, extremely wear-resistant
- Ideally suited for high pressures, no extruding into the sealing gap.

## APPLICATION

Rotary pump, plunger pumps.

## OPERATING CONDITIONS

### Rotary pump

Operating pressure	Temperature	Speed	pH value
25 bar	-50 ... +280 °C	25 m/s	1 ... 13

### Plunger pumps

Operating pressure	Temperature	Speed	pH value
250 bar*	-50 ... +280 °C	2 m/s	1 ... 13

\* installation with end rings

### Media

Hot water, salt solutions, alkalis, organic solvents, hydro-carbons, medium concentration acids.