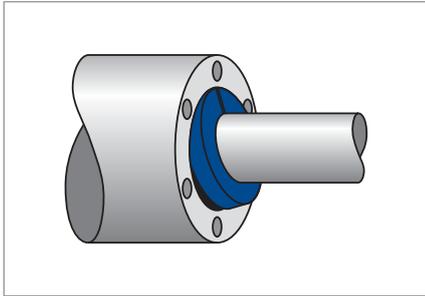


# MERKEL GRAFOLAN 6575



## PRODUCT DESCRIPTION

Merkel Grafolan consists of graphite yarn which is created through an energy-intensive thermal transformation process. It features high chemical resistance and temperature stability. An added lubricant ensures good running-in behaviour at all speeds. Merkel Grafolan is used in many areas of chemistry – in pumps, agitators and paddle dryers – as well as in feed water pumps for energy production. Compression-moulded rings from Merkel Grafolan 6576 (without additional lubricant) are supplied.

## PRODUCT ADVANTAGES

- High temperature resistant
- Also seals for slight shaft deflection
- Good heat dissipation.

## APPLICATION

Rotary pumps, valves.

## OPERATING CONDITIONS

### Rotary pumps

Operating pressure	Temperature	Speed	pH value
300 bar	-60 ... +300 °C	25 m/s	0 ... 14

### Valves

Operating pressure	Temperature	pH value
320 bar	-60 ... +300 °C	0 ... 14

### Media

Acids, alkalis, hydro-carbon, boiler feed water, gases, steam, etc.

Exceptions: strongly oxidising salt solutions, concentrated sulphuric acid, nitric acid.