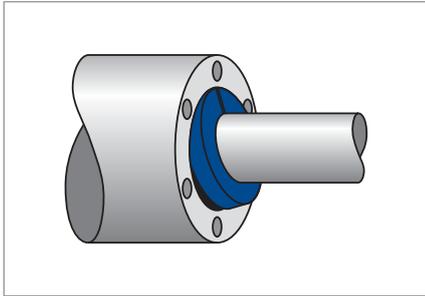


# MERKEL G-SPEZIAL S 6565



## PRODUCT DESCRIPTION

Merkel G-Spezial S is braided from pure, expanded graphite yarns and can be used in pumps and valves. The packing combines all the advantages of the expanded graphite such as high temperature stability and high cross-sectional density. The rings made from Merkel G-Spezial S can simply be cut from the roll for application cases where fast repair is required.

Can be used in combination with end rings from Merkel Carbo-steam 6550 for high-pressure valve applications.

## PRODUCT ADVANTAGES

- Very high temperature and chemical resistance
- Excellent sealing effect and constant elasticity
- Fast repair for a whole variety of valve dimensions.

## APPLICATION

Valves, rotary pumps.

## OPERATING CONDITIONS

### Valves

Operating pressure	Temperature	pH value
250 bar	-200 ... +450 °C <sup>1)</sup>	0 ... 14
	-200 ... +550 °C <sup>2)</sup>	

<sup>1)</sup> the majority of media and air

<sup>2)</sup> steam

### Rotary pumps

Operating pressure	Temperature	Speed	pH value
250 bar	-200 ... +550 °C	25 m/s	0 ... 14

### Media

Hot water, steam, gases, oils, acids and alkalis. Exceptions: strongly oxidising acids such as sulphuric and nitric acid in high concentrations.