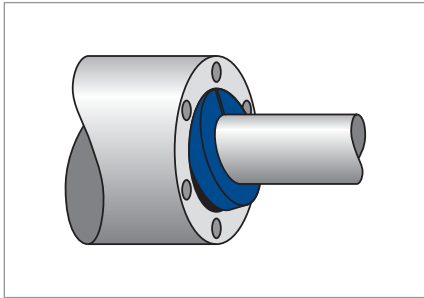


MERKEL FLEXALON 6250



OPERATING CONDITIONS

Operating pressure	Temperature	Speed	pH value
25 bar	-50 ... +250 °C	25 m/s	1 ... 13

Media

Cold and hot water, salt solutions, organic solvents, hydro-carbons, oils, greases, diluted acids and alkalis, steam up to 180 °C.

PRODUCT DESCRIPTION

Merkel Flexalon is a universal packing for the paper industry. But it is also suitable for the foodstuff industry, chemical and sewage treatment plants. Besides being used for rotary pumps, the packing can also be used in for mixers, kneaders, and refiners.

Merkel Flexalon is manufactured from a white, elastic synthetic yarn based on Meta Aramide. The packing thus offers a good resistance to abrasive media in contrast to PTFE products. But in comparison to Para Aramide packings, Merkel Flexalon protects the shaft significantly more.

The leakage is minimised through a high density and flexible braid structure. The silicone-free running-in lubricant ensures a trouble-free running-in. The white yarn and the impregnation prevents a colour contamination of the medium.

The Fraunhofer Institute for Process Technology and Packaging in Freising has certified the packing for use in food processing machines as per FDA US 21 CFR 170.3 (i) and Article 3 of the EU Regulation 1935/2004.

PRODUCT ADVANTAGES

- Extrusion-resistant but protects the shaft
- Low maintenance
- Low leakage.

APPLICATION

Rotary pumps.