

FREUDENBERG

Guide band Merkel® SF

DESCRIPTION

- Square cross-section

FUNCTION

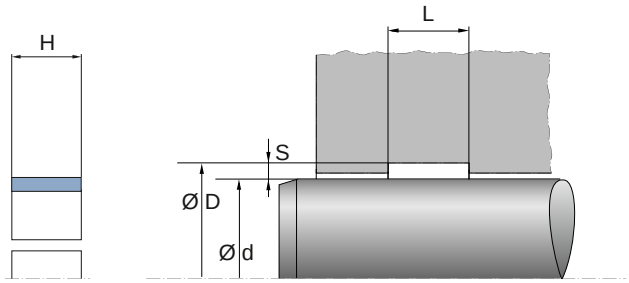
- For installation spaces in accordance with ISO 10766, among others
- Guiding of piston rods
- Reduces the danger of metallic contact

PRODUCT ADVANTAGES

- Low friction
- Market-leading, proprietary design with the widest range of applications in all industries and for a variety of requirements
- No stick-slip effect
- Highest quality, durability and safety
- Best results in total cost of ownership

APPLICATIONS

- Handling equipment
- Control/regulating devices



CONFORMITY AND CERTIFICATES

- Please consult the material data sheet valid for the respective material for current information on approvals and certificates, as this information depends on the compound and cannot be listed exhaustively here.

DESIGN GUIDELINE

- Please follow the QR code or hyperlink to the technical manual to obtain further information and instructions.

INSTALLATION GUIDELINE

- Please follow the QR code or hyperlink to the technical manual to obtain further information and instructions.

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STORAGE ADVISE

- Storage temperature <25°C
- No direct heat sources
- No direct sunlight
- No condensation in the storage room
- No exposure to ozone or ionizing radiation
- Recommendations based on the revision of ISO 2230 dated 16.09.1992

Temperature [°C]

Medium	PTFE B500
Hydraulic oils HL, HLP	-40...200
HFA fluids	
HFB fluids	
HFC fluids	
HFD fluids	-40...200
Water	
HETG (rapeseed oil)	-40...80
HEES (synthetic esters)	-40...100
HEPG (polyglycols)	-40...80
Mineral greases	-40...200

The values given are based on a limited number of tests on standard test specimens (2 mm sample plates) from laboratory production. The data determined from finished parts may deviate from the above values depending on the manufacturing process and the part geometry.

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The information provided herein is based on laboratory tests and on data sources deemed reliable. It constitutes general, non-binding guideline values and does not represent any guarantee of specific properties or suitability for a particular purpose. The suitability of a product for a specific application depends on the actual operating conditions and a variety of factors. Full testing and performance evaluation of the final product are the responsibility of the user. Freudenberg FST GmbH | www.fst.com

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