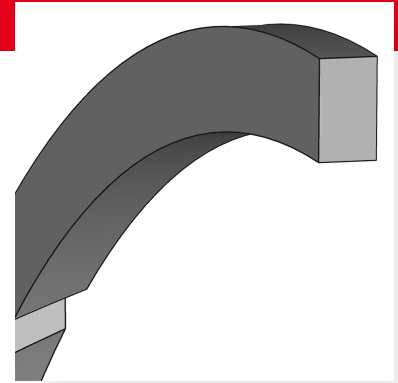




Back-up ring STR

DESCRIPTION

- Rectangular cross section
- Symmetrical
- Slotted

FUNCTION

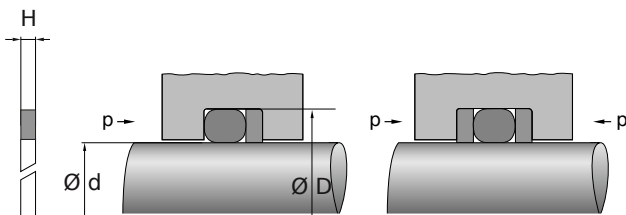
- Extension of the application range of o-rings
- Prevents gap extrusion with radial sealing O-rings

PRODUCT ADVANTAGES

- High pressure creep resistance
- High extrusion reliability
- Long service life
- Reliable design with broad application spectrum for moderately demanding applications in general industry
- Good price/performance ratio
- Manufactured by certified external suppliers

DESIGN GUIDELINE

- Flat surface
- Surface roughness $R_{max} \leq 15 \mu m$



APPLICATIONS

- Hydraulic valves
- Ball valves
- Pumps
- Cylinder base and head

CONFORMITY AND CERTIFICATES

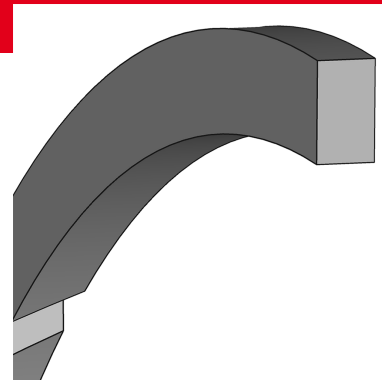
- Please consult the material data sheet valid for the respective material for current information on approvals and certificates, as this information depends on the compound and cannot be listed exhaustively here.

INSTALLATION GUIDELINE

- Avoid any damage during installation

STORAGE ADVISE

- Storage temperature $< 25^{\circ}C$
- 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



 DICHTOMATIK

Back-up ring STR

Temperature [°C]

PTFE	POM
-200...260	-50...90

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.

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

 DICHTOMATIK

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