



Packing Merkel® Ramiflex 4510



DESCRIPTION

- Braided and impregnated stuffing box packing
- Square cross-section

FUNCTION

- Sealing of rotating shafts or translating rods
- Sealing effect through axial compression using a gland follower

PRODUCT ADVANTAGES

- Very good running properties
- Extremely wear-resistant with abrasive media such as sludge, crystalline suspensions, and wastewater
- Gentle on shafts
- Long service life and improved sealing performance
- Much more tear-resistant than cotton and rot-resistant

APPLICATIONS

- Centrifugal and plunger pumps

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

- Avoid grooves, blowholes or scratches on the surface to be sealed
- Please follow the QR code or hyperlink to the technical manual to obtain further information and instructions.





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INSTALLATION GUIDELINE

- Cut packings to length with butt or diagonal cut depending on application
- Install and press the rings individually with the cut ends first
- Distribute the cut ends symmetrically around the circumference to prevent leakage
- Tighten the cap nuts evenly
- Please follow the QR code or hyperlink to the technical manual to obtain further information and instructions.



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

Pressure [MPa]

Anwendung	Pressure [MPa]
Centrifugal pumps	1.6
Plunger pumps	10

Speed [m/s]

Anwendung	Speed [m/s]
Centrifugal pumps	10
Plunger pumps	1



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pH value [pH]

6...9

Temperature [°C]

120

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