



MERKEL® UNICHEM 6313



DESCRIPTION

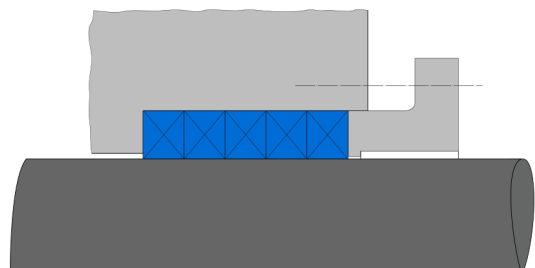
- Braided and impregnated stuffing box packing
- Square cross-section
- Impregnation with running-in lubricant
- Merkel® Unichem as flat strip for static sealing on request
- Braided packing made of pure PTFE yarns for rotary pump applications
- Impregnation with run-in lubricant

FUNCTION

- Sealing of rotating shafts or translating rods
- Sealing effect due to axial compression by means of stuffing box gland
- Packing has a very dense structure, yet is soft and flexible
- Even slight tightening initiates the sealing process
- Merkel® Unichem is also available as flat tape for static sealing, dimensions on request

PRODUCT ADVANTAGES

- Excellent sealing behaviour with low required bolt load
- Very low leakage rate
- Very good friction behaviour



APPLICATIONS

- Centrifugal pumps
- Suitable for all chemical applications

APPLICATION LIMITS

- Speed: 8 m/s
- Temperature: -100 ... +250°C
- pH Value: 0 ... 14
- Pressure: 1.5 MPa

MEDIA RESISTANCE

- Almost all chemicals including concentrated and hot acids and alkalis.
- Exceptions: molten alkali metals, fluorine and some fluorine compounds

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

- Installation space cleaned and free of deposits or old packing rings

INSTALLATION GUIDELINE

- Cut packings to length with butt or diagonal cut depending on application
- Assemble and crimp rings individually with cut ends first
- Distribute cuts symmetrically around the circumference to avoid leakage paths
- Tighten gland nuts evenly



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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



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