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MERKEL® RAMILON 4586

DESCRIPTION

- Braided and impregnated stuffing box packing
- Square cross-section
- Braided from ramie yarn, an extremely tear-resistant and water-resistant natural fibre yarn
- High content of PTFE due to multiple impregnation process

FUNCTION

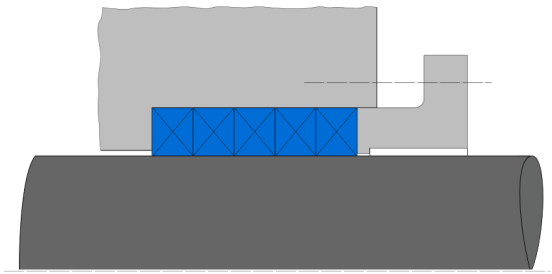
- Sealing of rotating shafts or translating rods
- Sealing effect due to axial compression by means of stuffing box gland

PRODUCT ADVANTAGES

- Long service life
- Does not swell or rot
- Excellent pressure resistance
- Extremely wear resistant
- Impregnation process guarantees high cross-sectional density and low friction values

APPLICATIONS

- Centrifugal pumps
- Refiners
- Mills
- Plunger pumps



- Stern tube
- Packing materials are FDA approved for use in the food sector

APPLICATION LIMITS

- Speed: 13 m/s (Rotary pump), 2 m/s (Plunger pump)
- Temperature: –40 ... +120°C
- pH Value: 5 ... 11
- Pressure: 4 MPa (Rotary pump), 100 MPa (Plunger pump, installation with anti-extrusion rings

MEDIA RESISTANCE

- Cold and warm fresh and sea water, drinking water, solutions with solid particles, oil, solvents etc.

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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