FREUDENBERG

MERKEL® UNIVAL 6323

DESCRIPTION

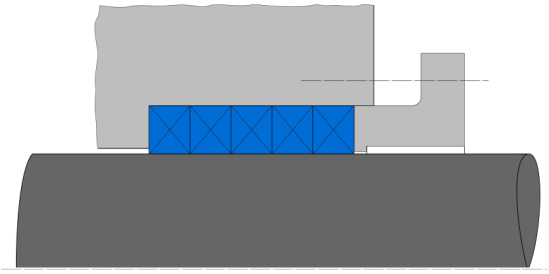
- Braided and impregnated stuffing box packing
- Square cross-section
- Consisting of graphite-filled, oiled PTFE yarn

FUNCTION

- Sealing of rotating shafts or translating rods
- Sealing effect due to axial compression by means of stuffing box gland
- Optimal use of material advantages (low thermal expansion and excellent thermal conductivity) due to special braided structure
- Packing responds to even the slightest compression
- Reliable sealing against low-viscosity and creeping media
- Dry running up to a certain limit

PRODUCT ADVANTAGES

- Suitable for high shaft speeds
- Long service life
- Low leakage requiring low bolt loads



APPLICATIONS

- Centrifugal pumps
- Fittings
- Packing material is safe for the food industry (FDA)

APPLICATION LIMITS

- Speed: 20 m/s (Rotary pump), 2 m/s (Valve)
- Temperature: –100 ... +280°C
- pH Value: 0 ... 14
- Pressure: 2.5 MPa (Rotary pump), 25 MPa (Valve)

MEDIA RESISTANCE

- Alkalis, solvents, bitumen, almost all acids
- Exceptions: highly concentrated nitric acid, oleum

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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