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MERKEL® KOMBILON 6742

DESCRIPTION

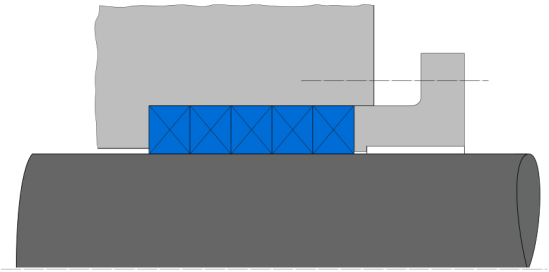
- Braided and impregnated stuffing box packing
- Square cross-section
- Made of elastic braiding combination of carbon and PTFE yarns
- Impregnated with special PTFE compound and running-in lubricant

FUNCTION

- Sealing of rotating shafts or translating rods
- Sealing effect due to axial compression by means of stuffing box gland
- Low friction forces and high elasticity due to special structure
- Elasticity even after long periods of operation and under high-pressure loads
- Specially prepared carbon yarn is very flexible and gentle to the shaft

PRODUCT ADVANTAGES

- Low leakage rates even with slight shaft deflection
- Long service life
- Excellent resilience
- Excellent performance even at high temperatures



APPLICATIONS

- Fittings
- Centrifugal pumps
- Mixers and agitators
- Designed for rotary pumps, agitators and mixers

APPLICATION LIMITS

- Speed: 20 m/s
- Temperature: -100 ... +280°C
- pH Value: 0 ... 14
- Pressure: 2.5 MPa

MEDIA RESISTANCE

- Alkalis, all forms of solvents, alcohols, ketones, esters, oils, acids, hot water, boiler lye, brine, ammonia
- Exceptions: heavily oxidising acids

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

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- Tighten gland nuts evenly

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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