



MERKEL® KOMBILON 6742

DESCRIPTION

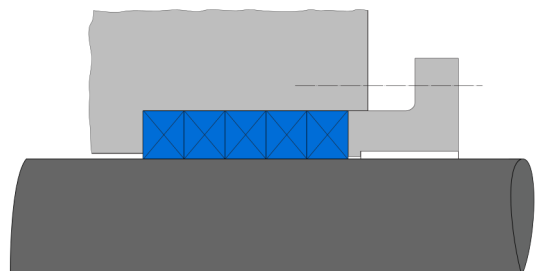
- Braided and impregnated stuffing box packing
- Square cross-section
- Made of elastic braiding combination of carbon and PTFE yarns
- Impregnated with special PTFE compound and running-in lubricant

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.

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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