



MERKEL® UNIVERDIT 7000



DESCRIPTION

- Braided and impregnated stuffing box packing
- Square cross-section
- Material: PTEX (PTFE-graphite compound)

FUNCTION

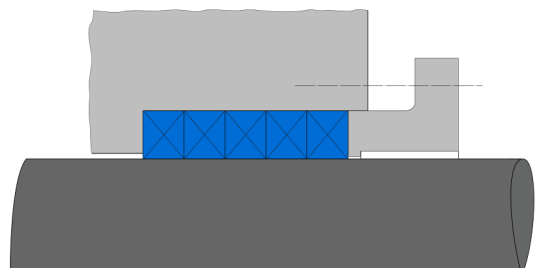
- Sealing of rotating shafts or translating rods
- Sealing effect due to axial compression by means of stuffing box gland
- Highest gas tightness
- Absorption of abrasive particles
- Self-lubricating even after long periods of operation, protecting shaft and spindle
- Should always be installed with end rings

PRODUCT ADVANTAGES

- Suitable for high shaft speeds
- Easy installation and long service life
- Low leakage rate even at low compression

APPLICATIONS

- Fittings
- Centrifugal pumps



APPLICATION LIMITS

- Speed: 6 m/s (Rotary pump), 2 m/s (Valve)
- Temperature: -30 ... +250°C
- pH Value: 0 ... 14
- Pressure: 2.5 MPa (Rotary pump), 16 MPa (Valve, installation with anti-extrusion rings)

MEDIA RESISTANCE

- Alkalis, solvents, alcohols, ketones, esters, oils, acids, hot water, boiler lye, brine, ammonia
- Exceptions: strongly 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
- 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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