



MERKEL® UNIVERDIT 7000



DESCRIPTION

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

FUNCTION

- 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

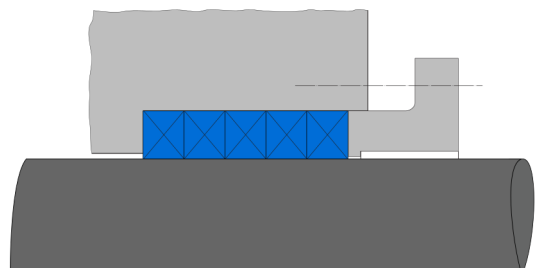
- Suitable for high shaft speeds
- Easy installation and long service life
- Low leakage rate even at low compression

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.

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

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