



MERKEL® UNIVAL 6323



DESCRIPTION

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

FUNCTION

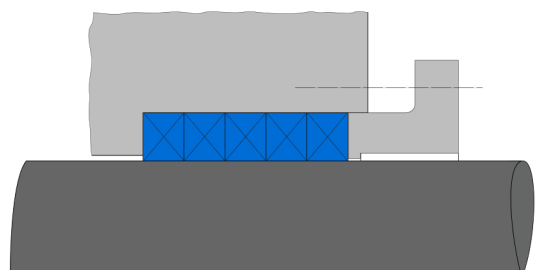
- Optimal use of material advantages (low thermal expansion and excellent thermal conductivity) due to special braided structure
- Packing responds to even the slightest compression
- Reliable sealing against low-viscosity and creeping media
- Dry running up to a certain limit

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.

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