



## MERKEL® UNISTAT 6303



### DESCRIPTION

- Braided and impregnated stuffing box packing
- Square cross-section
- Braiding made of graphite-filled PTFE yarn

### FUNCTION

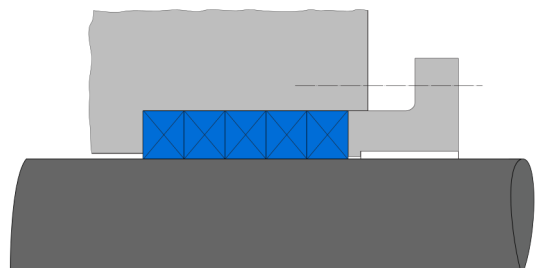
- Sealing of rotating shafts or translating rods
- Sealing effect due to axial compression by means of stuffing box gland
- High graphite content ensures good heat dissipation
- PTFE material ensures excellent friction behaviour
- Dense and pressure-resistant packing structure for plunger pump and valve applications

### PRODUCT ADVANTAGES

- High chemical and pressure resistance
- Excellent heat dissipation
- Low leakage
- Low friction

### APPLICATIONS

- Universal use in chemical industry
- Food industry
- Plunger pumps



- Fittings

### APPLICATION LIMITS

- Speed: 2 m/s (Valve), 2 m/s (Plunger pump)
- Temperature: -200 ... +280°C
- pH Value: 0 ... 14
- Pressure: 25 MPa (Valve), 80 MPa (Plunger pump\*)
- \*Installation with anti-extrusion rings

### MEDIA RESISTANCE

- Steam, condensate, alkalis, solvents, almost all acids
- Exceptions: highly concentrated nitric acid and oleum

### 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



## MERKEL® UNISTAT 6303

### 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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