



MERKEL® UNIFLEX 6588



DESCRIPTION

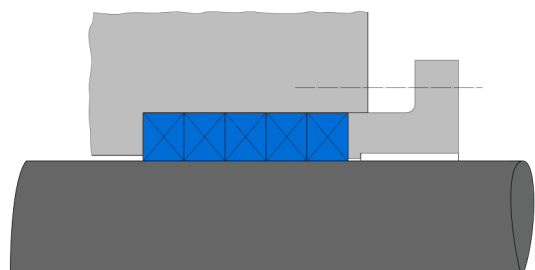
- Braided and impregnated stuffing box packing
- Square cross-section
- Manufactured from a carbonized yarn with a special PTFE-graphite impregnation

FUNCTION

- Sealing of rotating shafts or translating rods
- Sealing effect due to axial compression by means of stuffing box gland
- Very flexible and extrusion resistant
- The impregnation maintains an excellent bond to the yarn over the complete life of the packing
- The thermal and volumetric stability provides superior sealing performance with minimal gland compression

PRODUCT ADVANTAGES

- Suitable for dry running
- Excellent sealing capacity
- Flexible and wear resistant
- Excellent heat dissipation



APPLICATIONS

- Centrifugal pumps

APPLICATION LIMITS

- Speed: 25 m/s
- Temperature: -50 ... +280°C
- pH Value: 1 ... 13
- Pressure: 2.5 MPa

MEDIA RESISTANCE

- Cold water, hot water, steam, aqueous solutions, diluted acids and alkalis

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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