



MERKEL® CARBOFLEX 6587



DESCRIPTION

- Braided and impregnated stuffing box packing
- Square cross-section
- Carbon yarn based with special impregnation

FUNCTION

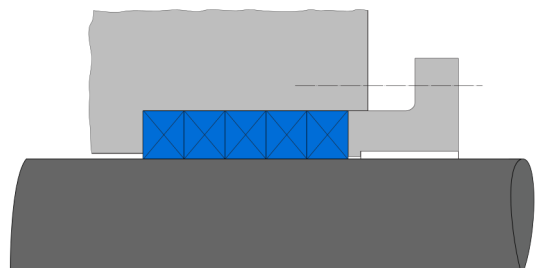
- Very stable behaviour in terms of volume
- No uncontrolled heat development at high sliding speeds, due to low coefficient of expansion, low coefficient of friction and ability to overcome critical running-in phase more easily
- Favourable running-in process due to special lubricant and impregnation adapted to carbon fibre

PRODUCT ADVANTAGES

- Good chemical resistance
- Good heat dissipation
- Low friction

APPLICATIONS

- Pumps
- Designed for high-speed rotary pumps



APPLICATION LIMITS

- Speed: 25 m/s
- Temperature: -50 ... +300°C
- pH Value: 0 ... 14

MEDIA RESISTANCE

- Cold and hot water, steam, aqueous solutions, almost universally against acids and lyes
- Exceptions: strongly oxidizing salt solutions, concentrated sulphuric and nitric acid

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