FREUDENBERG

MERKEL® CARBOFLEX 6587



DESCRIPTION

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

FUNCTION

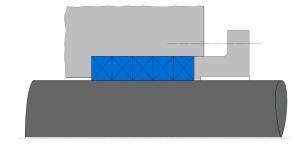
- · Very stable behaviour in terms of volume
- No uncontrolled heat development at high sliding speeds, due to low coefficient of expansion, low coefficient of friction and ability to overcome critical running-in phase more easily
- Favourable running-in process due to special lubricant and impregnation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

