



MERKEL® CARBOSTEAM® 6550



DESCRIPTION

- Braided and impregnated stuffing box packing
- Square cross-section
- Braid made of flexible carbon yarns with a special graphite impregnation

FUNCTION

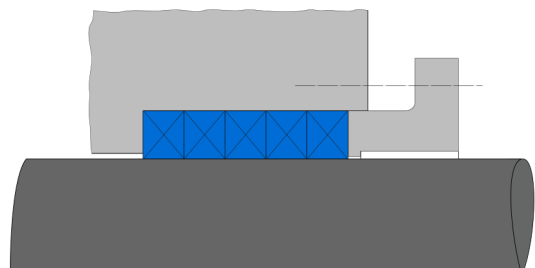
- Sealing of rotating shafts or translating rods
- Sealing effect due to axial compression by means of stuffing box gland
- Ideal as a chambering ring in combination with Merkel® Grafiflex due to high resistance to pressure and extrusion

PRODUCT ADVANTAGES

- Very high temperature resistance
- Low friction, long service life
- Suitable as extrusion protection and wiper in combination with Merkel® Grafiflex and Merkel® G-Spezial

APPLICATIONS

- High temperature steam applications
- Fittings
- Designed for valve applications



APPLICATION LIMITS

- Speed: 2 m/s
- Temperature: –30°C ... +400°C (most media), –30°C ... +550°C (steam)
- pH Value: 0 ... 14
- Pressure: 30 MPa

MEDIA RESISTANCE

- Hot water, hot air, steam, acids and alkalis
- Exceptions: heavily oxidising acids such as hot sulphuric acid and nitric acid

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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