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MERKEL® CARBOSTEAM® S 6555

DESCRIPTION

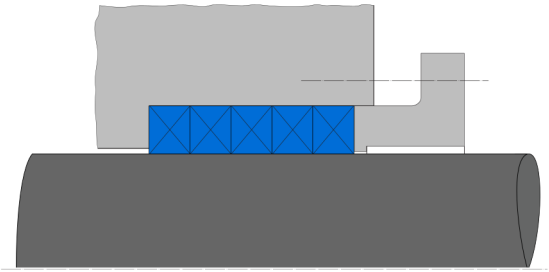
- Braided and impregnated stuffing box packing
- Square cross-section
- Consisting of flexible graphite core with low-wear sheathing made of pure carbon yarn
- Soluble chloride content below 50 ppm

FUNCTION

- Sealing of rotating shafts or translating rods
- Sealing effect due to axial compression by means of stuffing box gland
- Good elasticity, high cross-sectional density and durable volume stability
- Dense and heat-resistant sheathing
- Easier assembly and optimised sliding behaviour on spindle due to graphite-filled impregnation

PRODUCT ADVANTAGES

- High temperature resistant and good heat dissipation
- Low leakage
- Can be used as an end ring for extrusion protection and as a wiper with Merkel® Grafiflex or Merkel® G-Spezial



APPLICATIONS

- Power generation
- All industries working with high temperatures and aggressive media
- Fittings

APPLICATION LIMITS

- Temperature: -30 ... +400°C (most media & air), +550°C (steam)
- pH Value: 0 ... 14
- Pressure: 30 MPa

MEDIA RESISTANCE

- Hot water, steam, gases, oils, solvents, acids and lyes
- Exceptions: heavily oxidizing 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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SEALING TECHNOLOGIES

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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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