



MERKEL® G-SPEZIAL 6560



DESCRIPTION

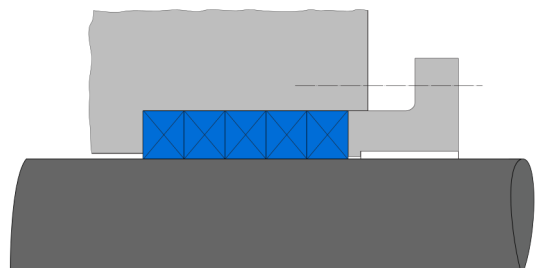
- Braided and impregnated stuffing box packing
- Square cross-section
- Braiding made of high-temperature resistant, flexible graphite yarns, each reinforced in the centre with thin inconel wire
- Also available as Merkel® G-Spezial I 6569 with corrosion inhibitor

FUNCTION

- Sealing of rotating shafts or translating rods
- Sealing effect due to axial compression by means of stuffing box gland
- Very pressure-resistant braided packing with equally excellent sealing behaviour
- Recommendation: Extrusion protection for gaps > 0.2 mm by using Merkel® Carbosteam 6550
- Also available as Merkel® G-Spezial I 6569 with corrosion inhibitor

PRODUCT ADVANTAGES

- High temperature and chemical resistance
- Very low leakage
- High pressure resistance
- Quick repair for a wide range of valve dimensions



APPLICATIONS

- Fittings

APPLICATION LIMITS

- Temperature: -200 ... +450°C (most media & air), -200 ... +650°C (steam)
- pH Value: 1 ... 14
- Pressure: 45 MPa

MEDIA RESISTANCE

- Hot water, steam, gases, oils, acids and alkalis
- Exceptions: strongly oxidizing acids such as sulfuric and nitric acid in high concentrations

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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