



MERKEL® G-SPEZIAL S 6565



DESCRIPTION

- Braided and impregnated stuffing box packing
- Square cross-section
- Braid made of pure, expanded graphite yarns

FUNCTION

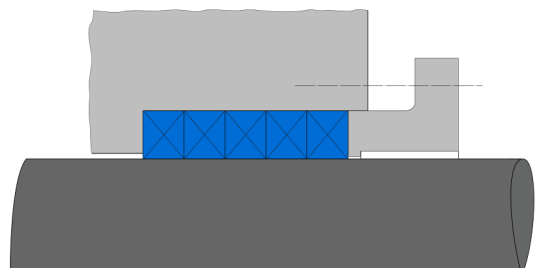
- Sealing of rotating shafts or translating rods
- Sealing effect due to axial compression by means of stuffing box gland
- High temperature stability and high cross-section density
- Rings cut from Merkel® G-Spezial S from the roll for quick repairs in pump and valve applications

PRODUCT ADVANTAGES

- Very high temperature and chemical resistance
- Excellent sealing behaviour and constant elasticity
- Fast repair for a wide range of valve dimensions

APPLICATIONS

- Valves
- Centrifugal pumps
- High-pressure valve applications in combination with end rings made of Merkel® Carbosteam 6550



APPLICATION LIMITS

- Speed: 2 m/s (Valve), 25 m/s (Rotary pump)
- Temperature: -200 ... +450°C (most media), -200°C ... +650°C (steam)
- pH Value: 0 ... 14
- Pressure: 25 MPa (Valve), 2.5 MPa (Rotary pump)

MEDIA RESISTANCE

- Hot water, steam, gases, oils, acids and alkalis
- Exceptions: strongly oxidising acids like sulphuric acid 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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