



## MERKEL® G-SPEZIAL 6560



### DESCRIPTION

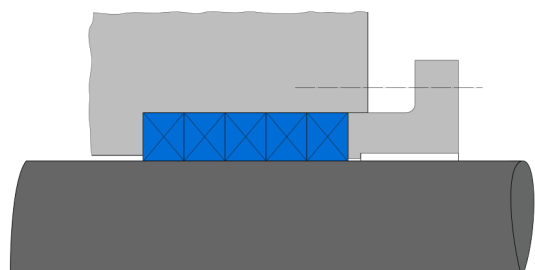
- Braided and impregnated stuffing box packing
- Square cross-section
- Braiding made of high-temperature resistant, flexible graphite yarns, each reinforced in the centre with thin inconel wire
- Also available as Merkel® G-Spezial I 6569 with corrosion inhibitor

### 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



## MERKEL® G-SPEZIAL 6560



### 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

The name Merkel® is a registered trademark of the Freudenberg company. The information contained herein is believed to be reliable, but no representations, warranties or guarantees of any kind are made as to its accuracy or suitability for any purpose. The information reproduced herein is based on laboratory testing and is not necessarily indicative of end product performance. Complete testing and performance of the end product is the responsibility of the user.

© Freudenberg FST GmbH | [www.fst.com](http://www.fst.com)