



## MERKEL® AROCHEM 6212



### DESCRIPTION

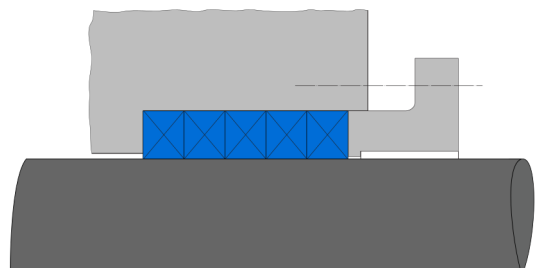
- Braided and impregnated stuffing box packing
- Square cross-section
- Graphite-free packing made of PTFE silk yarn in combination with high stable aramid yarn reinforced corners and a silicon-oil free lubrication

### FUNCTION

- Sealing of rotating shafts or translating rods
- Sealing effect due to axial compression by means of stuffing box gland
- The use of end-rings usually required where pure PTFE silk packings are applied against high pressures and borderline temperatures is not necessary

### PRODUCT ADVANTAGES

- Stabilised packing with longer service life
- Gentle on shafts
- No possible discolouration of the medium
- Good sliding properties of the PTFE
- High tensile strength and extremely low tendency to gap extrusion due to the stable aramid yarns



### APPLICATIONS

- All water pump applications
- Use in plunger pumps
- Sealing of mixers, kneaders and sootblowers

### APPLICATION LIMITS

- Speed: 2 m/s
- Temperature: -50 ... +280°C
- pH Value: 1 ... 13
- Pressure: 50 MPa

### MEDIA RESISTANCE

- Hot and cold water, steam, organic solvents, chemical raw materials, oils, fats, diluted acids and alkalies

### 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® AROCHEM 6212

### 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)