



# MERKEL® AROCHEM S 6216



## DESCRIPTION

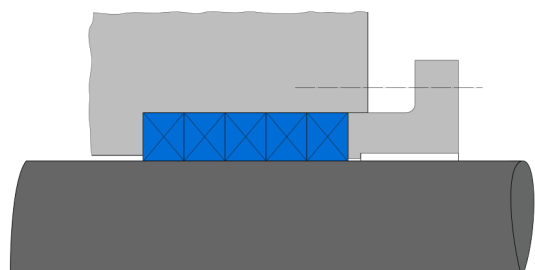
- Braided and impregnated stuffing box packing
- Square cross-section
- Material: AMPTGR

## FUNCTION

- Special running properties of thermally resistant PTFE-graphite compound yarns guarantee shaft protection and allow short-term, damage-free dry running
- Wear-resistant aramid yarns on edges prevent extrusion and protect against abrasive media
- Sufficient lubrication during critical running-in phase due to universally resistant, silicone-free running-in lubricant in packing

## PRODUCT ADVANTAGES

- Good sliding properties, low friction
- Prevents extrusion, extremely wear resistant
- Ideal for high pressures, no migration into the sealing gap
- Advantages of two highly developed yarn materials for sealing high-speed shafts



## APPLICATIONS

- Centrifugal and plunger pumps

## APPLICATION LIMITS

- Speed: 25 m/s (Rotary pump), 2 m/s (Plunger pump)
- Temperature: -50 ... +280°C
- pH Value: 1 ... 13
- Pressure: 2.5 MPa (Rotary pump), 25 MPa (Plunger pump)

## MEDIA RESISTANCE

- Hot water, salt solutions, alkalis, organic solvents, hydrocarbons, acids etc.

## 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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