



MERKEL® VARILON SG 6224



DESCRIPTION

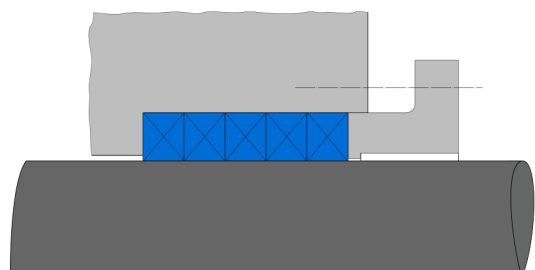
- Braided and impregnated stuffing box packing
- Square cross-section
- Consisting of DIAPLEX® combination braid of PTFE-graphite compound and aramid yarns
- Packing is additionally impregnated with PTFE and provided with a running-in lubricant

FUNCTION

- Sealing of rotating shafts or translating rods
- Sealing effect due to axial compression by means of stuffing box gland
- High proportion of PTFE-graphite compound yarn ensures very good sliding properties and high thermal conductivity
- Aramid yarn gives packing high strength
- Due to its special structure, the packing runs mainly on PTFE-graphite compound yarn on the shaft side after installation, which protects the shaft and ensures longer service life

PRODUCT ADVANTAGES

- Also suitable for media with abrasive particles
- Good running behaviour, low friction conduction
- Prevents overheating during the critical running-in phase



APPLICATIONS

- Centrifugal and plunger pumps
- Particularly suitable for sealing high-speed shafts on rotary pumps

APPLICATION LIMITS

- Speed: 20 m/s
- Temperature: -50 ... +280°C
- pH Value: 1 ... 13
- Pressure: 2.5 MPa

MEDIA RESISTANCE

- Hot water, alkalis, organic solvents, salt solutions, hydrocarbons, oils, greases, medium concentrated acids

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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