FREUDENBERG

MERKEL® FLEXALON 6250

DESCRIPTION

- Braided and impregnated stuffing box packing
- Square cross-section
- Made of white, elastic synthetic yarn based on meta-aramid, which ensures good resistance to abrasive media

FUNCTION

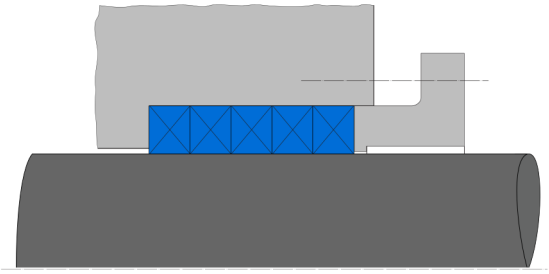
- Sealing of rotating shafts or translating rods
- Sealing effect due to axial compression by means of stuffing box gland
- Minimised leakage due to high density and flexible braided structure
- Avoidance of colour contamination of the medium due to white yarn and impregnation
- Silicone-free inlet lubricant ensures problem-free running in

PRODUCT ADVANTAGES

- Extrusion resistant but gentle on shafts
- Low maintenance
- Low leakage

APPLICATIONS

- The product is designed for use in rotary pump applications and also fits for use in mixers, kneaders and refiners



- For rotary pumps, mixers, agitators, refiners in pulp & paper and food industry

APPLICATION LIMITS

- Speed: 25 m/s
- Temperature: –50 ... +250°C
- pH Value: 1 ... 13
- Pressure: 2.5 MPa

MEDIA RESISTANCE

- Cold and hot water, salt solutions, organic solvents, hydrocarbons, oil, greases

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

FREUDENBERG
SEALING TECHNOLOGIES

FREUDENBERG

MERKEL® FLEXALON 6250

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

FREUDENBERG
SEALING TECHNOLOGIES