



MERKEL® AROLAN 6210



DESCRIPTION

- Braided and impregnated stuffing box packing
- Square cross-section
- Highly wear resistant aramid yarn

FUNCTION

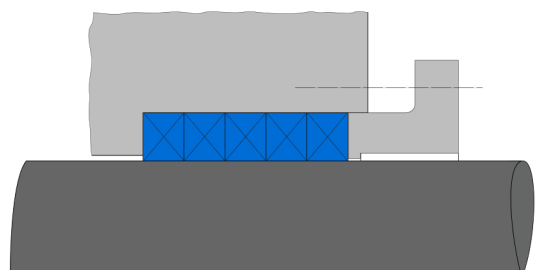
- Sealing of rotating shafts or translating rods
- Sealing effect due to axial compression by means of stuffing box gland

PRODUCT ADVANTAGES

- Arolan offers long-lasting resistance to hardening, crystallising or abrasive media that are destructive to packings
- Easy handling
- Firm adhesion of PTFE to smooth yarn due to special pre-treatment process optimizes sliding behaviour
- Ideal for applications with shaft runout

APPLICATIONS

- Refiners, stock, juice and sludge pumps
- Paddle dryers
- Agitators
- Centrifugal and plunger pumps



- Suitable for centrifugal and plunger pumps, refiners, dryers and mixers

APPLICATION LIMITS

- Speed: 26 m/s (Centrifugal pump), 2 m/s (Plunger pump)
- Temperature: -50 ... +280°C
- pH Value: 1 ... 13
- Pressure: 2.5 MPa (Centrifugal pump), 20 MPa (Plunger pump)

MEDIA RESISTANCE

- Hot and cold water, salt solutions, organic solvents, hydrocarbons, oils, greases, diluted acids and alkalies, steam up to 180°C

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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