



MERKEL® RAMIFLEX 4510



DESCRIPTION

- Braided and impregnated stuffing box packing
- Square cross-section
- Made of very strong, supple and tear-resistant ramie yarn DIAPLEX® braided pump packing and impregnated with light red special grease

FUNCTION

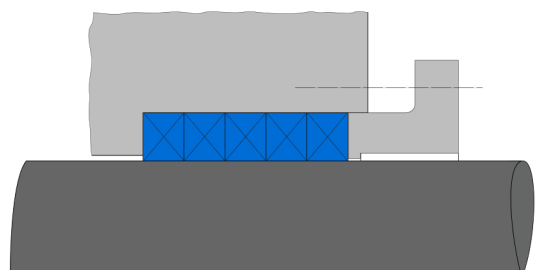
- Sealing of rotating shafts or translating rods
- Sealing effect due to axial compression by means of stuffing box gland

PRODUCT ADVANTAGES

- Very good running properties
- Extremely wear-resistant in abrasive media such as sludge, crystalline suspensions and waste water
- Long service life and better sealing behaviour
- Gentle on shafts
- Many times more tear-resistant than cotton and resistant to rotting

APPLICATIONS

- Centrifugal and plunger pumps



APPLICATION LIMITS

- Speed: 10 m/s (Rotary pump), 1 m/s (Plunger pump)
- Temperature: +120°C
- pH Value: 6 ... 9
- Pressure: 1.6 MPa (Rotary pump), 10 MPa (Plunger pump)

MEDIA RESISTANCE

- Water, cooling water, polluted water, seawater, water with crystalline particles, lime-milk and air

CONFORMITY AND CERTIFICATES

- Please consult the material data sheet valid for the respective material.

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

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