FREUDENBERG

MERKEL® GRAFOLAN 6575

DESCRIPTION

- Braided and impregnated stuffing box packing
- Square cross-section
- Consists of graphite yarn, which is produced from carbon fibres through an energy-intensive thermal conversion process

FUNCTION

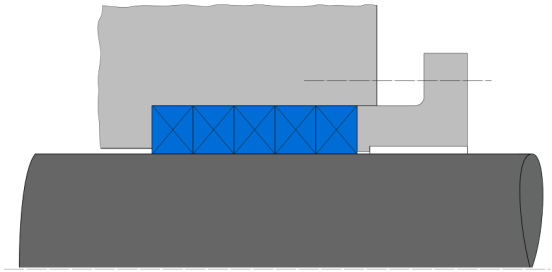
- Good running-in behaviour at all speeds due to added lubricant
- Designed for pumps, agitators and dryers

PRODUCT ADVANTAGES

- High temperature resistant
- Seals even with slight shaft deflection
- Good heat dissipation
- Delivery of compression-moulded rings made of Merkel® Grafolan 6576 (without additional lubricant)

APPLICATIONS

- Many chemical sectors
- Pumps, agitators and paddle dryers
- Feedwater pumps for power generation
- Centrifugal pumps



- Valves

APPLICATION LIMITS

- Speed: 25 m/s (Rotary pump)
- Temperature: +300°C
- pH Value: 0 ... 14
- Pressure: 30 MPa (Rotary pump), 32 MPa (Valve)

MEDIA RESISTANCE

- Universally applicable against acids, alkalis, hydrocarbons, boiler feed water, gases, steam etc.
- Exception: strongly oxidizing brines, concentrated sulphuric acid, nitric acid

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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