



MERKEL® ALCHEM ST 6377



DESCRIPTION

- Braided and impregnated stuffing box packing
- Square cross-section
- Consisting of pure PTFE yarns

FUNCTION

- Good leakage behaviour due to high density and tight braided structure of the packing

PRODUCT ADVANTAGES

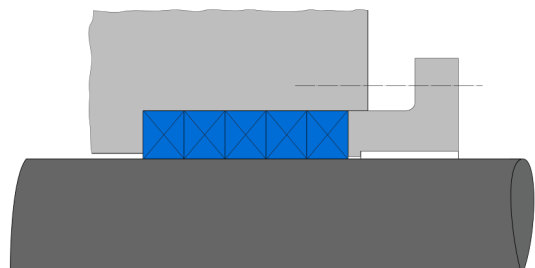
- High chemical resistance
- Good leakage behaviour

APPLICATIONS

- All chemical applications
- Fittings (max. temperature 60 °C, max. oxygen pressure 25 bar)
- Material suitable for contact with food (tested by FMPA (Forschungs- und Materialprüfanstalt Baden-Württemberg, Stuttgart)) and suitable for gaseous Oxygen (BAM)

APPLICATION LIMITS

- Temperature: -200 ... +280°C
- pH Value: 0 ... 14
- Pressure: 25 MPa



MEDIA RESISTANCE

- All chemicals including concentrated hot acids and lyes
- Exceptions: molten alkali metals, fluorine and some fluorine compounds

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

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