



MERKEL® CARBOSTEAM® S 6555



DESCRIPTION

- Braided and impregnated stuffing box packing
- Square cross-section
- Consisting of flexible graphite core with low-wear sheathing made of pure carbon yarn
- Soluble chloride content below 50 ppm

FUNCTION

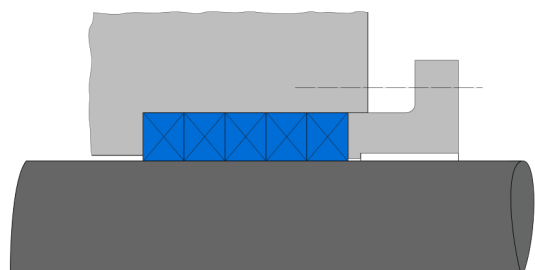
- Good elasticity, high cross-sectional density and durable volume stability
- Dense and heat-resistant sheathing
- Easier assembly and optimised sliding behaviour on spindle due to graphite-filled impregnation

PRODUCT ADVANTAGES

- High temperature resistant and good heat dissipation
- Low leakage
- Can be used as an end ring for extrusion protection and as a wiper with Merkel® Grafiflex or Merkel® G-Spezial

APPLICATIONS

- Power generation
- All industries working with high temperatures and aggressive media
- Fittings



APPLICATION LIMITS

- Temperature: -30 ... +400°C (most media & air), +550°C (steam)
- pH Value: 0 ... 14
- Pressure: 30 MPa

MEDIA RESISTANCE

- Hot water, steam, gases, oils, solvents, acids and lyes
- Exceptions: heavily oxidizing acids such as hot sulphuric acid and nitric acid

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