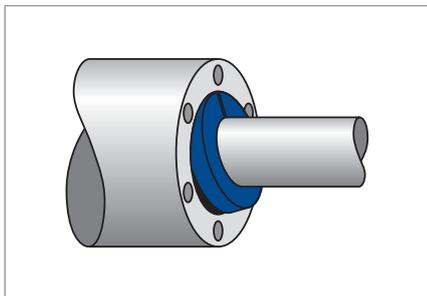


MERKEL ALCHEM ST 6377



OPERATING CONDITIONS

Operating pressure	Temperature	pH value
250 bar	-200 ... +280 °C	0 ... 14

Media

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

PRODUCT DESCRIPTION

Merkel Alchem ST is manufactured from pure PTFE yarns that guarantee an exceptional chemical resistance. The high density and tight braid structure of the packing ensures a good leakage behaviour. Merkel Alchem ST is suitable for all chemical applications and has approval for the use with gaseous oxygen. The material was analysed by the BAM (Bundesanstalt für Materialprüfung - German Federal Institute for Material Testing) and can be used in valves up to the following parameters without consideration. Maximum temperature up to 60 °C and maximum oxygen pressure up to 25 bar. The material is also suitable for contact with foodstuffs. Testing through FMPA (Forschungs- und Materialprüfanstalt Baden-Württemberg, Stuttgart - Research and Testing Institute Baden-Württemberg, Stuttgart).

PRODUCT ADVANTAGES

- High chemical resistance
- Good leakage behaviour.

APPLICATION

Valves.