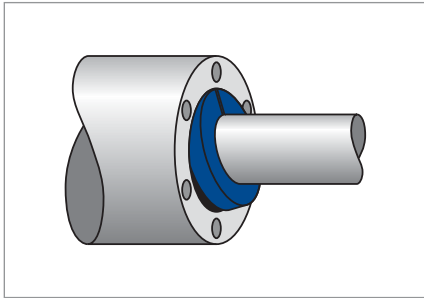


MERKEL AROLAN 6210



PRODUCT DESCRIPTION

Merkel Arolan made from highly wear-resistant aramide yarn has already proven itself in the most diverse applications. Especially where hardening, crystallising or abrasive media can have a damaging effect on the packing, Arolan offers a long-lasting resistance. Proven application areas are refiners, material, juice and mud pumps, but also plunger pumps, paddle dryers and agitators.

A strong adhesion of the PTFE to the smooth yarn is achieved by a special pre-treatment process. PTFE optimises the sliding properties and closes the creep paths in the braid, the adhesion of the yarns to each other is improved.

A physiologically harmless running-in lubricant supports the sealing effect at low gland packing tension.

PRODUCT ADVANTAGES

- Very long service life, even with very abrasive media
- Easy handling
- Easy running properties
- Ideal for application with shaft deflection.

APPLICATION

Rotary and plunger pumps.

OPERATING CONDITIONS

Rotary pumps

Operating pressure	Temperature	Speed	pH value
25 bar	-50 ... +280 °C	26 m/s	1 ... 13

Plunger pumps

Operating pressure	Temperature	Speed	pH value
200 bar	-50 ... +280 °C	2 m/s	1 ... 13

Media

Cold and hot water, salt solutions, organic solvents, hydro-carbons, oils, greases, diluted acids and alkalis, steam up to 180 °C.