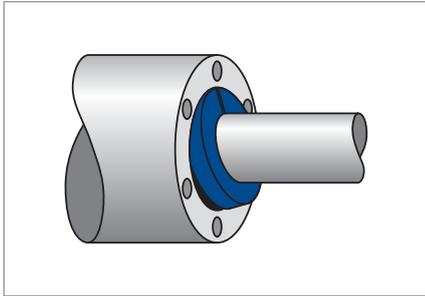


# MERKEL UNIVERDIT® 7000



## PRODUCT DESCRIPTION

The packing material is approved for use in the food processing industry. Compact extruded packing made of PTFE graphite compound. Merkel Univerdit has extremely good resistance to gas permeation and has the ability to embed abrasive particles. Univerdit remains self-lubricating even during extended periods of operation and therefore reduces friction on shafts and spindles. Generally, Univerdit must always be installed with end rings\*.

\* End-ring selection is dependent on application parameters.

## PRODUCT ADVANTAGES

- Resistance to gas permeation
- Easy installation and long service life
- Ideal for sealing abrasive media
- Can run "dry" in some applications.

## APPLICATION

Rotary pumps, valves.

## OPERATING CONDITIONS

### Rotary pump

Operating pressure	Temperature	Speed	pH value
25 bar*	-30 ... +250 °C	6 m/s	0 ... 14

### Valves

Operating pressure	Temperature	pH value
160 bar*	-30 ... +250 °C	0 ... 14

\* installation with end rings

### Media

Alkalis, all forms of solvents, alcohols, ketones, esters, oils, acids, hot water, boiler lye, brine, ammonia.

Exceptions: strongly oxidising acids.