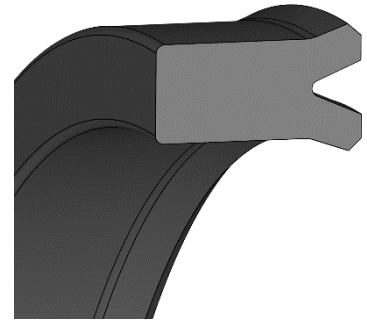


# N21



## DESCRIPTION

**Product group:** piston and rod seal

**Design:** N symmetrical u-ring (21)

**Profile no.:** 21

**Specification:** E suitable for one-sided pressure load

**Material:** NBR 90

## INSTALLATION

The N21 can be installed in cut grooves starting from an inner diameter of 25 mm with the use of suitable installation tools with smaller diameters or larger profile widths, we recommend axially accessible installation housings.

## OPERATIONAL APPLICATION LIMITS

Pressure (MPa):  $\leq 16$

Temperature (°C): -30 to +100

Running speed (m/s):  $\leq 0.5$

## REMARKS

U-rings made of NBR are particularly suitable for use at low pressures. The standard N21 design is provided with 90 Sh-A hardness. For special applications, we can offer different materials and hardness levels.

## MEDIA

- Hydraulic oils acc. to DIN 51524 Part 1 – 3
- Lubricating oils
- Mineral oil based lubricating greases
- Highly non-flammable hydraulic fluids HFA, HFB, HFC acc. to VDMA 24317

## FUNCTION

The N21 u-ring has a symmetrical design which allows it to be used as a piston seal and as a rod seal. Apart from its application in hydraulics, this design can also be used for pneumatic applications. For rod seals we recommend to use the profile KNA23 or SNI24.

