

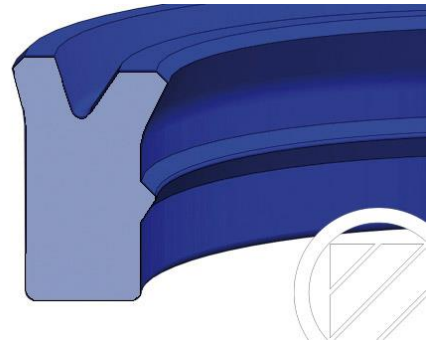


DICHTOMATIK

Any seal. Any time.

Online Product information

# SNI 39



## DESCRIPTION

**Product group:** rod seal  
**Design:** NI asymmetrical u-ring with inner main sealing lip  
**Profile no.:** 39  
**Specification:** E suitable for one-sided pressure load  
**Model:** ZL second seal lip  
**Material:** TPU 95 3401

## OPERATIONAL APPLICATION LIMITS

Pressure (MPa):  $\leq 40$   
Temperature (°C):  $-40$  to  $+100$   
Running speed (m/s):  $\leq 0.5$

## 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 SNI 39 u-ring is a single-acting rod seal with an asymmetrical design. A second seal lip supports the sealing function of the SNI 39 u-ring. Due to the synergy of the geometry and material, this design is exceptionally well-suited for extreme loads.

## INSTALLATION

U-rings can be installed in both solid and split housings. Please note for a solid housing application a minimum width is necessary and suitable installation tool may be required.

## REMARKS

Seals made of TPU are very robust and are particularly well-suited for applications in mobile hydraulics and especially in the area of earth moving machines.

