

## SNI 07

### Description

Product group: Rod seal  
Design: NI asymmetrical u-ring with inner main sealing lip  
Profile no.: 07  
Specification: E suitable for one-sided pressure load  
Model: STI inner back-up ring  
Seal material: NBR 80 3002  
Seal back: NBR fabric NBR F 80 3001  
Back-up ring: POM



### Operational application limits

Pressure (MPa):  $\leq 40$   
Temperature (°C): -30 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 u-ring SNI 07 is produced in a compact design which guarantees good functioning at low pressures. The SNI 07 compact seal additionally has an integrated back-up ring which also prevents gap extrusion at high pressures on the side facing away from the pressure.

### 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 tools may be required.

### Remarks

The SNI 07 seal requires relatively small installation housings. Due to the compact fabric back, intrusion into the extrusion gap is prevented.