



## SNI 73

### Description

Product group	Rod seal
Design	NI asymmetrical u-ring with inner main sealing lip
Profile no.	73
Specification	E suitable for one-sided pressure load
Model	ZLST1 second sealing lip / inner back-up ring
Seal material	TPU 95 3401
Back-up ring	POM

### Operational application limits

Pressure (MPa):	≤ 40
Temperature (°C):	-40 to +100
Running speed (m/s):	≤ 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 73 u-ring is produced in a compact design which guarantees good functioning at low pressures and guarantees a particularly long service life. The SNI 73 is a single-acting rod seal. The second seal lip strengthens the sealing function and the semi-active back-up ring on the inner diameter prevents gap extrusion on the side facing away from the pressure.

### Installation

U-rings can be installed in both solid and split housings. Please note that for a solid housing application a minimum width is necessary and suitable installation tools may be required (please see installation section on page 9).

### Remarks

The SNI 73 seal made of TPU material is very robust and is particularly well suited for applications in mobile hydraulics and especially in earth moving equipment, mobile hydraulic platforms, telescope cylinders and press and support cylinders. Despite the small installation dimension, the seal withstands the highest loads. This profile is designed for installation housings conforming to ISO 5597.

### Order code

Please include our item numbers in your order. Should you require non-standard measurements, materials or material combinations, please use the order code on page 12.

### Any seal. Any time.

All the items in our standard programme (marked red) are standard stock items. For all other items, please check the availability at [www.dichtomatik.de](http://www.dichtomatik.de).

