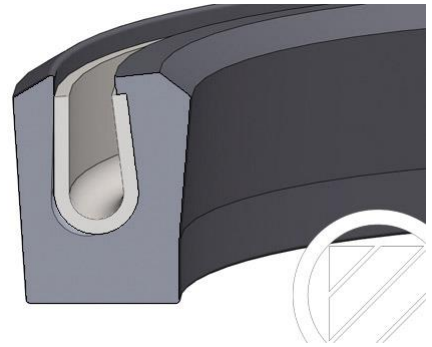


# SNI 43



## DESCRIPTION

**Product group:** rod seal  
**Design:** I asymmetrical u-ring with inner main sealing lip  
**Profile no.:** 43  
**Specification:** E suitable for one-sided pressure load  
**Seal material:** PTFE 00 9808  
**Spring material:** Stainless steel 1.4310 (DIN EN 10088-1)

## OPERATIONAL APPLICATION LIMITS

Pressure (MPa):  $\leq 35$   
 Temperature (°C):  $-150$  to  $+250$   
 Running speed (m/s):  $\leq 15$

## MEDIA

- Hydraulic oils of all types
- Hot air
- Water steam
- PTFE is resistant to most chemicals

## FUNCTION

The u-ring SNI 43 is a single-acting PTFE seal in the form of an inner sealing u-ring. The steel V-spring activates the sealing lip permanently so that even in a non-pressurized state, good sealing performance is guaranteed.

## INSTALLATION

We generally recommend axially accessible installation housings. For a limited size range, semi-open installation housings are also possible.

## REMARKS

Due to the asymmetrical sealing lips, the sealing force is optimised and the friction behaviour improved. As a result, the service life is substantially lengthened. The standard for this seal is provided in the adjoining material combination. For non-standard applications, further PTFE compounds and V springs made of Elgiloy® are available.

