



SUI rod U-rings are designed for rod applications in inch dimensions.
 Thanks to endurance grade special PU material, SUI rod U-rings can be safely used in heavy duty applications.

Operating conditions

Pressure	≤ 40 MPa
Temperature	-30°C to 100°C
Speed	≤ 0,5 m/s

Materials

Seal	Polyurethane
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Assembly

- In closed grooves **A**
- In open grooves **B**

Advantages

- Low friction in the low pressure range
- Excellent abrasion resistance
- Good price-performance ratio
- Simple assembly
- Good resistance to clearance extrusion
- Can be installed as single seal or as secondary seal
- Unaffected by high loads and deflections of the rod

Please contact us for applications approaching maximum values.

Pressure (MPa)	e (mm)	
	d ≤ 60 mm	d > 60 mm
5	≤ 0,4	≤ 0,5
10	≤ 0,3	≤ 0,4
20	≤ 0,2	≤ 0,3
30	≤ 0,15	≤ 0,2
40	≤ 0,1	≤ 0,15

d	D	L	Reference
19,05	25,4	3,5	SUI-075100
	25,4	7	SUI-075100-1
25,4	31,75	7	SUI-100125
31,75	41,22	8,7	SUI-125162
34,92	44,45	8,7	SUI-137175
38,1	47,62	8,7	SUI-150187
41,27	50,8	8,7	SUI-162200-1
	50,8	10,5	SUI-162200
44,45	53,97	10,5	SUI-175212
50,8	60,32	10,5	SUI-200237
	63,5	10,5	SUI-200250
57,15	66,67	10,5	SUI-225262
	69,85	10,5	SUI-225275
60,33	73,03	10,5	SUI-237287
63,5	76,2	10,5	SUI-250300
69,85	82,55	10,5	SUI-275325
76,2	88,9	10,5	SUI-300350
82,55	95,25	10,5	SUI-325375
88,9	101,6	10,5	SUI-350400
95,25	107,95	10,5	SUI-375425
	114,3	10,5	SUI-400450
101,6	117,47	10,5	SUI-400462
	130,18	10,5	SUI-450512
114,3	133,35	17,5	SUI-450525