



SUDS heavy duty rod seals offer perfect sealing in heavy duty applications thanks to their double sealing lips and POM back-up ring.

The NBR O-ring guarantees the maximum sealing performance even at very low pressure.

Operating conditions

Pressure	≤ 50 MPa
Temperature	-30°C to 100°C
Speed	≤ 0,5 m/s

Materials

Energising ring ①	NBR
Seal ②	PU10
Anti-extrusion ring ③	POM

Assembly

- In closed grooves (A)
- In open grooves (B)

Advantages

- Efficient sealing at high and low pressure
- Excellent abrasion resistance
- Unaffected by sudden loads and high pressure
- Simple assembly
- Good resistance to clearance extrusion
- Very low compression set due to the O-ring
- The integrated anti-extrusion ring prevents the sealing material from extrusion at higher pressure

Please contact us for applications approaching maximum values.

Pressure (MPa)	e (mm)	
	d ≤ 60 mm	d > 60 mm
5	≤ 0,6	≤ 0,8
10	≤ 0,6	≤ 0,8
20	≤ 0,4	≤ 0,6
30	≤ 0,3	≤ 0,4
40	≤ 0,2	≤ 0,3
50	≤ 0,1	≤ 0,15

d	D	L	Reference
40	55	12,5	SUDS-4055
45	60	12,5	SUDS-4560
50	59	11	SUDS-5059
	65	12,5	SUDS-5065
55	70	12,5	SUDS-5570
60	75	12,5	SUDS-6075LA
65	80	12,5	SUDS-6580
70	85	12,5	SUDS-7085
75	90	11	SUDS-7590-1
	90	12,5	SUDS-7590
80	95	12,5	SUDS-8095
85	100	11	SUDS-85100-1
	100	12,5	SUDS-85100
	105	16	SUDS-85105
90	105	11	SUDS-90105-1
	105	12,5	SUDS-90105
95	110	11	SUDS-95110-1
	110	12,5	SUDS-95110
	110	13	SUDS-95110
	115	16	SUDS-95115
100	115	11	SUDS-100115-1
	115	12,5	SUDS-100115
	120	16	SUDS-100120
105	120	13	SUDS-105120
110	125	13	SUDS-110125
	130	13	SUDS-110130-1
	130	16	SUDS-110130
115	135	16	SUDS-115135
120	140	13	SUDS-120140
	140	16	SUDS-120140-1
125	145	16	SUDS-125145
130	150	16	SUDS-130150
140	160	16	SUDS-140160
150	170	16	SUDS-150170