



SUF buffer seals are used as the first sealing element in hydraulic cylinders for rods. They consist of high performance PU ring.

Some sizes (**SUF-S**) include a radial and axial slot, which faces the pressure, to relieve back pressure.

SUF-buffer seals must be combined with other sealing elements.

This simple design is commonly found on older construction equipment.

Operating conditions

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

Materials

Seal	PU
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Assembly

In closed grooves
Pay attention to assemble the **SUF-S** with the slot facing the pressure.

Advantages

- Small section
- To use only as "buffer" seal (primary rod seal)
- Low friction
- Excellent abrasion and wear resistance

Please contact us for applications approaching maximum values.

Metric dimensions			
d	D	L	Reference
25	33,6	2,6	SUF-25
30	41	3,2	SUF-30
35	46	3,2	SUF-35
	48	3,3	SUF-35-1
40	48	3,3	SUF-40
50	58	3,2	SUF-50
	62	3,3	SUF-50-1
	62,6	4,3	SUF-50/2
56	68,6	4,3	SUF-56
	70	3,3	SUF-56-1
	73	5,1	SUF-56/2
63	80	4,7	SUF-63
65	78	4,3	SUF-65
70	83	4,3	SUF-70
	83,5	3,3	SUF-70-1
	84	3,3	SUF-70/2
75	88	4,3	SUF-75
80	93	4,3	SUF-80
90	104	4,3	SUF-90
100	113	4,3	SUF-100

Inch dimensions			
d	D	L	Reference
31,75	41,15	3,3	SUF-1250
	44,96	2,9	SUF-1250-1-S
38,1	50,8	3,3	SUF-1500-S
44,45	57,15	3,3	SUF-1750-S
50,8	63,5	3,3	SUF-2000-S
57,15	72,9	5,1	SUF-2250-S
63,5	79,25	5,1	SUF-2500-S
76,2	91,95	5,1	SUF-3000-S
101,96	111,25	4,83	SUF-4000
114,3	132,59	4,32	SUF-4500
152,4	170,69	4,32	SUF-6000