

Design

The AB seals RU is a high performance general purpose seal suitable for rod and piston used everyone. Manufactured in Polyurethane AB seals RU is engineered to effect a good seal in most industrial cylinder applications. The sealing lips are accurately machine trimmed to ensure good low pressure sealing while the material resists extrusion at high pressures.



For information about other material options available, please contact your local AB Seals office.

OPERATING RANGE

Technical details	Metric	Inch
Maximum Speed	1.0m/sec	3.0 ft/sec
Temperature Range	-45 to 110	-50 to 230F
Maximum Pressure	400 bar	6000 P.S.I
Operating Fluid	Standard hydraulic oils	

MATERIAL

- Polyurethane-PUA/PUB / PUAB/PU95
- Fluorocarbon Rubber - VKM75

APPLICATION

- Mobile hydraulics
- Agriculture equipment
- Machine tools
- Injection cylinder
- Hydraulic presses
- Lift platforms

Maximum Extrusions Gap

Allowable Extrusion Gap is
0.2 to 0.3 mm

Surface Roughness

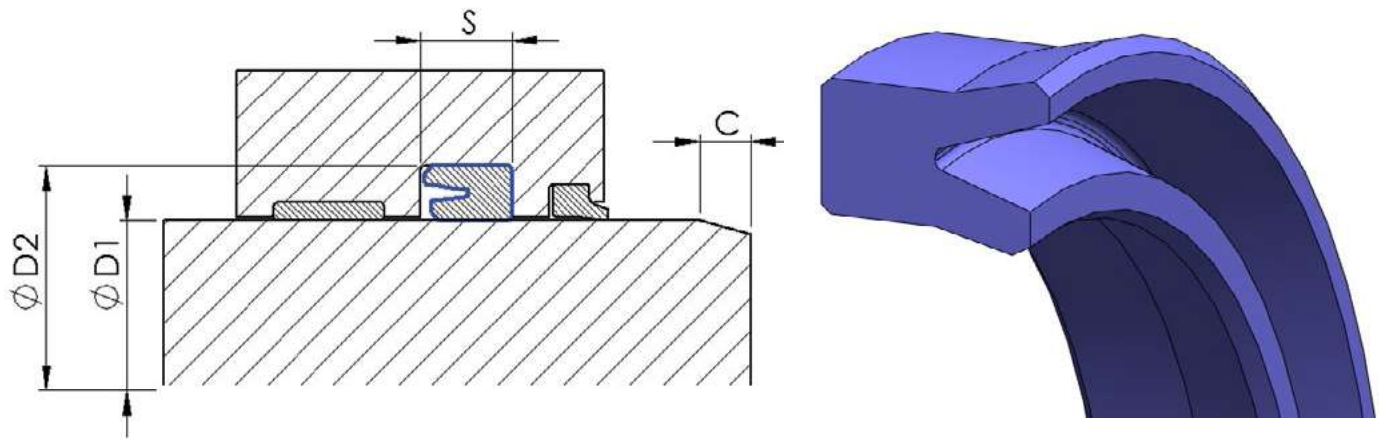
Technical details	Ra (um)	Rt (um)
Sliding Surface	0.1	1.6
Base Groove	1.6	6.3
Side Groove	3.2	10

Chamfers & Radii

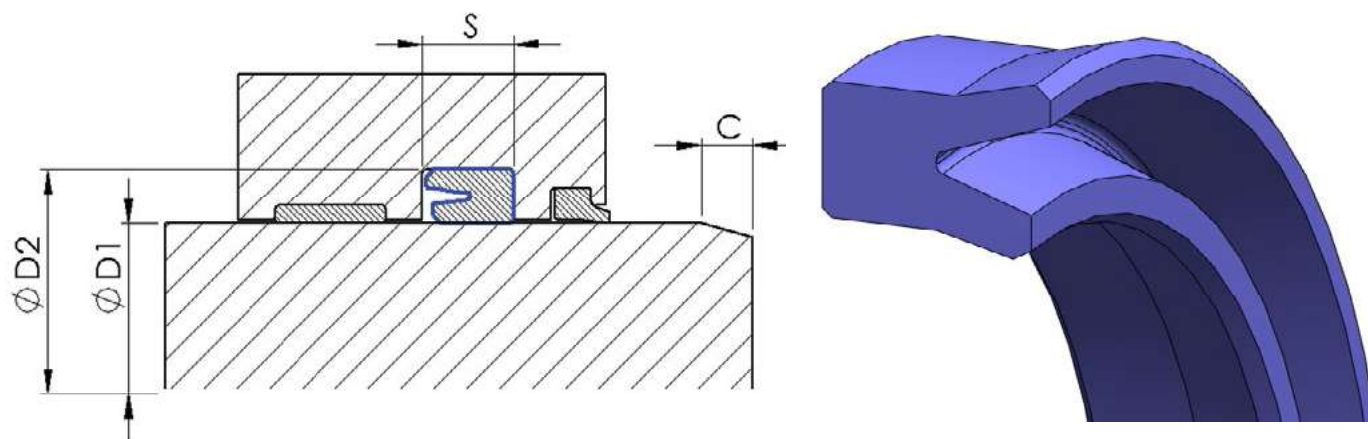
Chamfer 4 – 10 mm
Radii 0.4 – 0.8 mm

Ordering Code:

- Example For Temperature -45 to 110, And PISTON ROD DIA 50mm RU50609
- For Temperature -45 to 200, And PISTON ROD DIA 50mm RUV50609
- For information about other material options available, please contact your local AB Seals office.
- For Requirement of other sizes contact us.



ØD1	ØD2	S	PART NO.
30	43	11	RU304311
32	42	7	RU32427
35	45	7	RU35457
40	50	7	RU40507
45	55	7	RU45557
50	60	9	RU50609
55	65	9	RU55659
60	73	11	RU607311
63	78	11	RU637811
65	78	11	RU657811
70	83	11	RU708311
75	88	11	RU758811
80	93	11	RU809311
85	100	10	RU8510010
90	105	10	RU9010510
95	110	10	RU9511010
100	115	10	RU10011510
105	120	10	RU10512010
110	125	10	RU11012510
115	130	10	RU11513010
120	135	10	RU12013510
125	145	13	RU12514513
130	150	17	RU13015017
140	160	15	RU14016015



ØD1	ØD2	S	PART NO.
145	165	16	RU14516516
150	170	12.5	RU150170125
155	165	15	RU15516515
160	180	16	RU16018016
165	185	10	RU16518510
170	200	16.5	RU170200165
175	200	16	RU17520016
180	200	15	RU18020015
185	205	16.5	RU185205165
190	210	16.5	RU190210165
195	210	16	RU19521016
200	220	14.5	RU200220145
210	230	15	RU21023015
215	240	16	RU21524016
220	250	15	RU22025015
225	250	18	RU22525018
230	250	15	RU23025015
235	250	16.5	RU235250165
240	260	15	RU24026015
245	260	15.5	RU245260155
250	270	15	RU25027015