

Design

The AB Seals AIP wiper is precision molded in high performance polyurethane and Nitrile Rubber for maximum wear resistance, and is designed to remove dirt and moisture from entering the cylinder. Opposite sides of the wiper lip have two sealing lips accurately produced and proportioned to collect fluid passing the rod seal.



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
Operating Fluid	Standard hydraulic oils	

MATERIAL

- Polyurethane-PUA/PUB/PUAB/PU95
- Nitrile Rubber - NBR80
- Fluorocarbon Rubber - VKM85

APPLICATION

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

Maximum Extrusions Gap

Surface Roughness

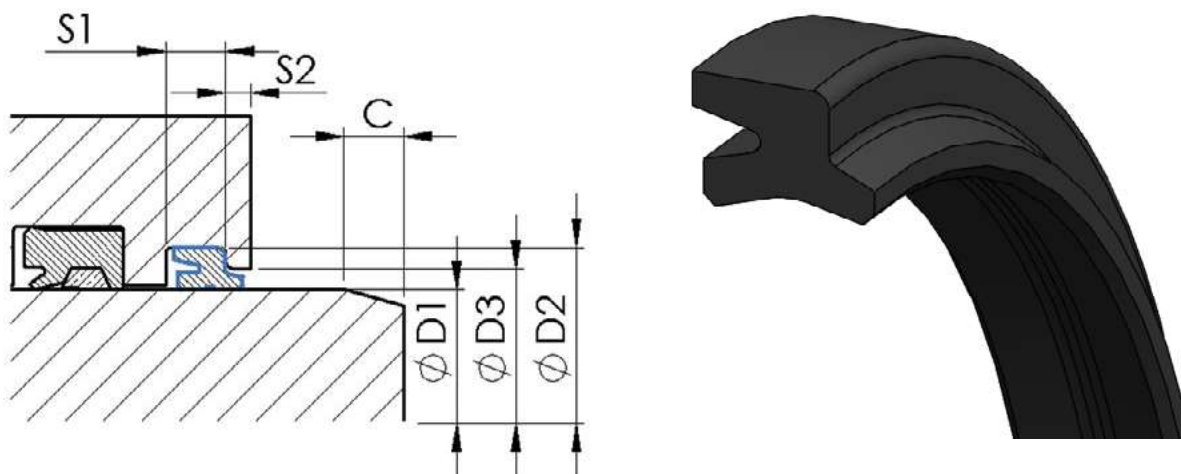
Technical details	Ra (um)	Rt (um)
Sliding Surface	0.1	4
Base Groove	1.6	10
Side Groove	3.2	16

Chamfers & Radii

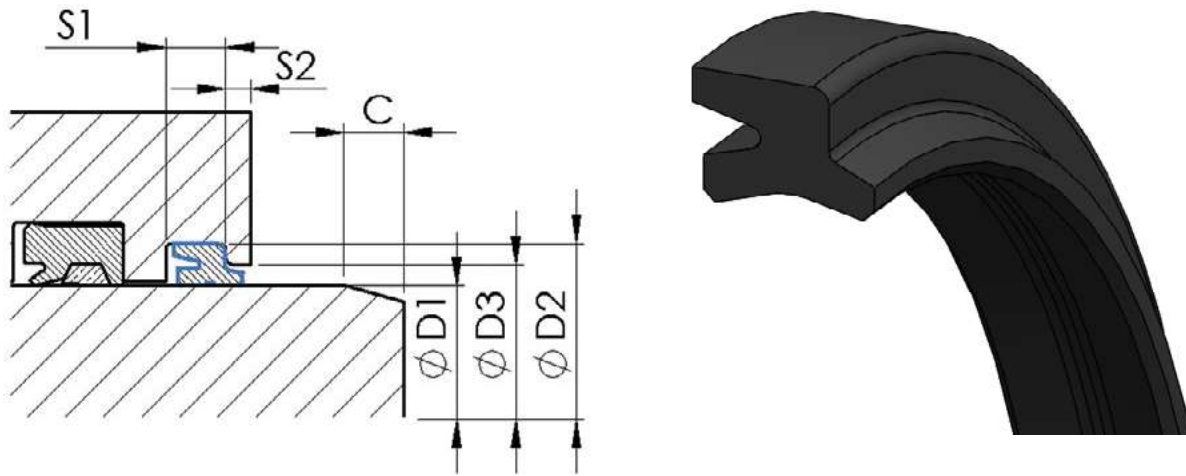
Chamfer 4 – 10 mm
Radii 0.4 – 0.8 mm

Ordering Code:

- Example For Temperature -45 to 110, And PISTON ROD DIA 50mm - AIP50586/2
- For Temperature -45 to 100, And PISTON ROD DIA 50mm - AIN50586/2
- For Temperature -45 to 200, And PISTON ROD DIA 50mm AIV50586/2
- For information about other material options available, please contact your local AB Seals office.
- For Requirement of other sizes contact us.



ØD1	ØD2	S1	ØD3	S2	PART NO.
18	26	5	22.3	2	AIN18265/2
20	28	5	24.3	2	AIN20285/2
22	30	5	26.3	2	AIN22305/2
22.4	30.4	5	26.7	2	AIN2243045/2
25	33	5	29.3	2	AIN25335/2
26	34	5	30.3	2	AIN26345/2
28	36	5	32.3	2	AIN28365/2
30	38	6	34	2	AIN30386/2
31.5	39.5	6	35.5	2	AIN3153956/2
32	40	6	36	2	AIN32406/2
34	42	6	38	2	AIN34426/2
35	43	6	39	2	AIN35436/2
35.5	43.5	6	39.5	2	AIN3554356/2
38	46	6	42	2	AIN38466/2
40	48	6	44	2	AIN40486/2
45	53	6	49	2	AIN45536/2
48	56	6	52	2	AIN48566/2
50	58	6	54	2	AIN50586/2
55	63	6	59	2	AIN55636/2
56	64	6	60	2	AIN56646/2
58	66	6	62	2	AIN58666/2
60	68	6	64	2	AIN60686/2



ØD1	ØD2	S1	ØD3	S2	PART NO.
63	71	6	67	2	AIN63716/2
65	73	6	69	2	AIN65736/2
70	80	7	75	3	AIN70807/3
71	81	7	76	3	AIN71817/3
75	85	7	80	3	AIN75857/3
80	90	7	85	3	AIN80907/3
85	95	7	90	3	AIN85957/3
90	100	7	95	3	AIN901007/3
95	105	7	100	3	AIN951057/3
100	110	7	105	3	AIN1001107/3
105	115	7	110	3	AIN1051157/3
110	120	7	115	3	AIN1101207/3
112	122	7	117	3	AIN1121227/3
125	138	8	132	3	AIN1251388/3
140	153	8	147	3	AIN1401538/3
150	163	8	157	3	AIN1501638/3
160	173	8	167	3	AIN1601738/3
180	193	8	187	3	AIN1801938/3
185	198	8	192	3	AIN1851988/3
200	213	8	207	3	AIN2002138/3
210	223	8	217	3	AIN2102238/3
250	265	10	258	3	AIN25026510/3