



GARLOCK PS-SEAL Standard

Due to its high quality, the GARLOCK PS-seal is the most popular PTFE lip seal in our range. The components that make up the seal are a Gylon (PTFE) sealing lip, a stainless steel 316-L metal housing and a static sealing ring made from FKM. This product can be used in both lubricated and non-lubricated applications where a rubber oil seal is not up to the job, due, for example, to high pressures, high temperatures, high rotational speeds or abrasive media. The PS-seal is also suitable for applications in the food industry. You must make sure that you choose an appropriate material in that case.

Characteristics

Material lip: Multifil

Application

- Materials
 - Gylon Black: standard - for high speeds or high pressures in a lubricated application
 - Gylon White: for the food industry - suitable for dry applications
 - Gylon Blue: for the food industry and pharmaceuticals - suitable for dry applications - flexible material
 - F: for the food industry - suitable for dry applications and applications involving a vacuum
 - MS: suitable for abrasive media
 - KF: suitable for abrasive media and dry applications
 - Gylon Brown-White: for the food industry - has full certification - suitable for dry applications and abrasive media
- Temperature resistance

The PS-seal has an operating temperature range from -90 °C to +260 °C. The exact temperature resistance is dependent on other parameters in each application.
- Maximum pressure

The PS seal can withstand a maximum pressure of 10 bars as standard. Special versions of the PS-seal can be used up to 25 bars; please contact our specialists for more information. Please note that a high rotational speed in your application reduces the maximum pressure this product can withstand.
- Chemical resistance

Compared to rubber, PTFE has good resistance to a much broader range of chemicals.

Shaft diameter mm	Housing diameter mm	Housing width mm	Article Max. 200 articles in the table
8	18		10013748
8	18		12315407
12	28		11401695
12	28		10013749
15	28		12188171
15	30		11486708
15	30		10013750
15	30		11964739
16	28		11401631
16	30		12149811
16	30		11655809
16	30		12359262
16	35		11317189
17	28		10013751
17	28		12086308

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Shaft diameter	Housing diameter	Housing width	Article
mm	mm	mm	Max. 200 articles in the table
17	35		10013752
17	35		12086307
20	30		11364561
20	35		11608336
20	35		10013753
20	35		11534892
20	35		11125081
22	35		11322523
22	40		10013754
24	40		12218585
25	35		10013755
25	35		11897397
25	35		11125082
25	35		12151620
25	40		12352523
25	42		11319214
25	42		10013756
25	42		11409194
25	42		12359882
25	42		11263560
25	52		11167036
28	40		12157381
28	42		11604038
28	47		10013763
28	47		12080378
30	40		11292163
30	42		11108136
30	42		11268061
30	42		11297376
30	42		11226213
30	42		11515254
30	47		10013764
30	47		11401143
30	47		11230692
30	47		11218845
30	52		11230691
30	52		12106949
32	47		10013757
32	47		10013765
32	47		12225108
32	47		11265576
35	47		11725779
35	47		10013758
35	47		11478769
35	47		11385223
35	47		11250410
35	50		11626247
35	50		10013766
35	50		11122114
35	55		11317187
35	55		12377855
36	52		11066686
40	52		12336994

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Shaft diameter	Housing diameter	Housing width	Article
mm	mm	mm	Max. 200 articles in the table
40	52		11195827
40	55		12261950
40	55		11017329
40	55		10013767
40	55		11362877
40	55		11366618
40	55		11100104
40	55		12151602
40	60		10013768
40	60		11369958
40	60		11193437
40	62		10013769
40	62		12036741
40	62		11130361
40	68		11587368
42	55		11933176
42	60		10013770
42	62		10013759
45	60		11654052
45	60		12057856
45	60		12085883
45	62		11025353
45	62		10013771
45	62		12045135
45	62		10013792
45	65		11025352
45	65		10013772
45	65		11238212
45	65		12377857
45	68		11725775
48	65		10013773
48	68		12188170
50	65		11309969
50	65		11286446
50	65		10013774
50	65		12213609
50	65		11016704
50	68		11316004
50	70		11309918
50	70		11103855
50	70		10013775
50	70		11258985
50	70		11230690
50	70		11334516
50	72		12315924
50	72		11926511
50	72		10013776
50	72		12259121
52	68		11587369
55	70		11208243
55	72		10013777
55	72		12396443
55	72		11225091

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Shaft diameter	Housing diameter	Housing width	Article
mm	mm	mm	Max. 200 articles in the table
58	80		11872844
60	75		10013760
60	75		11388977
60	80		11333382
60	80		12404341
60	80		10013778
60	80		11482548
60	80		11083705
60	80		12390802
60	85		11144320
62	80		10013779
62	80		11111827
63	80		11220199
65	80		11020281
65	85		11608250
65	85		10013780
65	85		11934900
65	85		11163217
65	90		11410489
70	85		11251188
70	85		11352279
70	90		11332195
70	90		10013781
70	90		12148745
70	90		12036893
70	90		10013793
70	100		11200174
73	100		11023341
75	95		11383484
75	95		11195228
75	95		10013782
75	95		11284519
75	100		10013784
75	100		11658246
75	100		11130362
78	100		11138292
80	100		10013785
80	100		12081099
80	100		11063915
80	100		11054139
85	110		12180140
88.9	110		11159913
90	110		12087742
90	110		10013787
90	110		11181812
90	120		12332507
90	120		11140593
90	120		12117818
93	120		12084379
95	120		12139201
100	120		11383486
100	120		12249706
100	120		11229755

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Shaft diameter	Housing diameter	Housing width	Article
mm	mm	mm	Max. 200 articles in the table
100	130		12393110
100	130		12393023
100	130		11208325
100	130		12404340
100	130		10013788
100	130		11174000
100	130		11191008
100	130		12393111
105	130		11383487
105	130		11226214
110	130		11203892
110	140		10013789
110	140		12148744
110	140		11173999
110	140		11293979
110	140		11393419
115	140		11911632
120	140		11383488
120	140		11877971
120	150		11252914
120	150		11371220
130	150		12315926
140	165		10013791
150	180		11232375
150	180		11401929

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