



KALREZ® O-ring FFKM 75 Compound 6375

You use this black FFKM O-ring as a seal for steam, oils, acids, bases and solvents in static and slow dynamic applications. This product is the best-sold Kalrez® O-ring because of its extensive applicability. You mainly find these seals in the petrochemical and chemical industries.

Characteristics

Material: FFKM

Colour: Black

Hardness: 75

Compound: 6375

Temperature range: -20 / 275 °C

Application

• Temperature resistance

The Kalrez® 6375 O-ring has an operating temperature range from -20°C to +275°C.

Maximum pressure

Compound 6375 has a Shore A hardness of 75. This makes it suitable for applications with a pressure of up to 80 bars. Note that you must also strictly adhere to the guidelines in the chart below. This chart shows the relationship between the hardness of your O-ring, the pressure in your application, the groove size and the seal clearance gap.

Are you going to use this seal in a slow, dynamic application with a pressure of 50 bars or higher? If so, we advise you to use back-up rings.

Chemical resistance

This rubber material offers good chemical resistance across a very broad spectrum. So it is ideal for applications involving high temperatures (e.g. steam) and strong chemicals, such as amines and solvents.

Recommended in: Chemical

Internal diameter	Cross section	Size according to AS568-BS1806-ISO3601	Size according to DIN11864	Article
mm	mm			Max. 200 articles in the table
0.74	1.02	001		11095482
1.07	1.27	002		11095498
1.42	1.52	003		11095499
1.78	1.78	004		11095500
2.57	1.78	005		11095501
2.84	2.62	104		11098052
2.9	1.78	006		11095502
3.63	2.62	105		11098053
3.68	1.78	007		11095523
4.2	1.9			11137541
4.42	2.62	106		11091643
4.47	1.78	008		11095524
5.23	2.62	107		11098054
5.28	1.78	009		11095525
5.7	1.9			11148086

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Internal diameter	Cross section	Size according to AS568- BS1806-ISO3601	Size according to DIN11864	Article
mm	mm			Max. 200 articles in the table
5.94	3.53	202		11099480
6.02	2.62	108		11098056
6.07	1.78	010		11091641
6.1	1.6			11109015
6.4	1.9			11109016
7.59	2.62	109		11098057
7.65	1.78	011		11095819
8.1	1.6			11106311
8.92	1.83	904		11109000
9.12	3.53	204		11099482
9.19	2.62	110		11098059
9.25	1.78	012		11095820
10.77	2.62	111		11098060
10.82	1.78	013		11095822
11.89	1.98	906		11109002
12.29	3.53	206		11099504
12.37	2.62	112		11098061
12.42	1.78	014		11095823
13.87	3.53	207		11099772
13.94	2.62	113		11098062
14	1.78	015		11095824
15.47	3.53	208		11099803
15.54	2.62	114		11098074
15.6	1.78	016		11095825
17.12	2.62	115		11098075
17.17	1.78	017		11095826
18.64	3.53	210		11099804
18.72	2.62	116		11098341
18.77	1.78	018		11095827
19.18	2.46	910		11109013
20.22	3.53	211		11099806
20.29	2.62	117		11098383
20.35	1.78	019		11095828
21.82	3.53	212		11099807
21.89	2.62	118		11098384
21.95	1.78	020		11095829
23.39	3.53	213		11099808
23.47	2.62	119		11098385
23.52	1.78	021		11095843
24.77	5.33	318		11105288
24.99	3.53	214		11099816
25.07	2.62	120		11026757
25.12	1.78	022		11095844
26.64	2.62	121		11026759
26.7	1.78	023		11095865
28.17	3.53	216		11099818
28.24	2.62	122		11098389
28.3	1.78	024		11095651
29.74	3.53	217		11026793
29.82	2.62	123		11098403
29.87	1.78	025		11095652
31.34	3.53	218		11099977

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mm	mm			Max. 200 articles in the table
31.42	2.62	124		11026790
31.47	1.78	026		11095934
32.92	3.53	219		11026795
32.99	2.62	125		11098407
33.05	1.78	027		11095936
34.52	3.53	220		11099979
34.59	2.62	126		11098409
34.65	1.78	028		11095937
36.09	3.53	221		11099980
36.17	2.62	127		11026791
37.69	3.53	222		11099982
37.77	2.62	128		11098747
37.82	1.78	029		11095939
39.34	2.62	129		11098749
39.69	3.53			11104546
40	4			11030846
40.64	5.33	326		11105289
40.87	3.53	223		11026796
40.94	2.62	130		11098750
41	1.78	030		11095953
41	4			11026797
42.52	2.62	131		11098751
43.82	5.33	327		11105413
44.04	3.53	224		11099984
44.12	2.62	132		11098752
44.17	1.78	031		11095955
45.69	2.62	133		11026792
46.99	5.33	328		11105414
47.22	3.53	225		11099988
47.29	2.62	134		11098793
47.35	1.78	032		11095957
48.9	2.62	135		11098794
49.21	3.53			11104590
50.17	5.33	329		11105415
50.39	3.53	226		11099989
50.47	2.62	136		11098795
50.52	1.78	033		11095958
52.07	2.62	137		11098796
53.34	5.33	330		11105636
53.57	3.53	227		11099990
53.64	2.62	138		11098914
53.7	1.78	034		11095959
55.25	2.62	139		11098915
56.52	5.33	331		11105637
56.74	3.53	228		11099991
56.82	2.62	140		11098916
56.87	1.78	035		11095960
58.42	2.62	141		11098917
59.69	5.33	332		11105638
59.92	3.53	229		11099992
59.99	2.62	142		11098918
60.05	1.78	036		11095961

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Internal diameter	Cross section	Size according to AS568- BS1806-ISO3601	Size according to DIN11864	Article
mm	mm			Max. 200 articles in the table
61.6	2.62	143		11098919
62.87	5.33	333		11105639
63.09	3.53	230		11100005
63.17	2.62	144		11098921
63.22	1.78	037		11095963
64.77	2.62	145		11098922
66.04	5.33	334		11105640
66.27	3.53	231		11100085
66.34	2.62	146		11098923
66.4	1.78	038		11095964
67.95	2.62	147		11098924
69.22	5.33	335		11105641
69.44	3.53	232		11100192
69.52	2.62	148		11098926
69.57	1.78	039		11095967
71.12	2.62	149		11098927
72.39	5.33	336		11105642
72.62	3.53	233		11072484
72.69	2.62	150		11098929
72.75	1.78	040		11095968
75.57	5.33	337		11105673
75.79	3.53	234		11100214
75.87	2.62	151		11098931
75.92	1.78	041		11095969
78.74	5.33	338		11105674
78.97	3.53	235		11100216
81.92	5.33	339		11106230
82.14	3.53	236		11100218
82.22	2.62	152		11098932
82.27	1.78	042		11095971
85.09	5.33	340		11106231
85.32	3.53	237		11100221
88.27	5.33	341		11106232
88.49	3.53	238		11100222
88.57	2.62	153		11098944
91.44	5.33	342		11106264
91.67	3.53	239		11100233
94.62	5.33	343		11106265
94.84	3.53	240		11100234
94.92	2.62	154		11098947
97.79	5.33	344		11106267
98.02	3.53	241		11100235
99.7	5.5			11124808
100.97	5.33	345		11106268
101.19	3.53	242		11100236
101.27	2.62	155		11098949
104.14	5.33	346		11106269
104.37	3.53	243		11100238
107.32	5.33	347		11113150
107.54	3.53	244		11100518
110.49	5.33	348		11106270
110.72	3.53	245		11100520

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mm	mm			Max. 200 articles in the table
113.67	5.33	349		11106272
113.89	3.53	246		11100521
113.97	2.62	157		11098951
117.07	3.53	247		11100543
120.24	3.53	248		11100547
123.42	3.53	249		11100548
126.59	3.53	250		11100549
129.54	5.33	354		11113151
129.77	3.53	251		11100551
132.94	3.53	252		11100584
136.12	3.53	253		11100586
139.29	3.53	254		11100587
142.24	5.33	358		11106303
142.47	3.53	255		11100588
145.42	5.33	359		11101882
145.64	3.53	256		11100592
148.82	3.53	257		11100624
151.99	3.53	258		11100625
158.34	3.53	259		11100626
164.69	3.53	260		11100628
171.04	3.53	261		11100629
177.39	3.53	262		11100630
183.74	3.53	263		11104363
190.09	3.53	264		11104510
278.99	3.53	276		11104512
291.69	3.53	277		11143666
355.19	3.53	280		11104513
380.59	3.53	281		11104515

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