For an AS568A dash number O-ring sizing chart, go to mcmaster.com and search for **9452KAC**.

Don't see the cord stock you need? Just tell us what you're looking for and we'll get it for you.

O-Ring and Square Ring Cord Stock

Round Cross Section

Make your own O-rings and O-ring belts from our selection of inch and metric O-ring cord stock. Cord stock can be cut easily with a razor or knife. Maximum continuous length is 100 ft., unless noted.

All materials, except silicone, can be joined with super glues—we recommend 7569A22 on page 3411. To join silicone cord stock, we recommend 74945A69 silicone adhesive on page 3417. For best results, silicone and Viton® fluoroelastomer cord stock should be vulcanized after joining (see joining kits sold separately on previous page). All meet ASTM D2000/SAE J200. Durometer hardness is A70, except Viton® fluoroelastomer is A75.

***Buna-N*—**Use in oil applications. Temperature range is –20° to +212° F. Color is black, except *FDA-compliant Buna-N* is white.

***Viton® Fluoroelastomer*—**Withstands high temperatures and corrosive chemicals. Meets AMS 3216G, unless noted. Temperature range is 0° to 392° F. Color is black.

***Silicone*—**Highly resistant to ozone and weather. Temperature range is –67° to +400° F. Color is red-orange.

***EPDM*—**Has excellent resistance to water and steam. Temperature range is –40° to +212° F. Color is black.

***Neoprene*—**Resists Freon, oils, sunlight, and weather. Temperature range is –40° to +212° F. Color is black.

To Order: For all materials, please specify continuous length: 3, 10, 20, 50, or 100 ft., unless noted. Prices are 15-20% lower if you buy 100 ft. or more of the same size.

Round Cross Section—Inch Sizes

Fractional Wd.	Actual Wd.	Buna-N	Per Ft.	FDA Buna-N	Per Ft.	Viton® Fluoroelastomer	Per Ft.	Silicone	Per Ft.	EPDM	Per Ft.	Neoprene	Per Ft.
1/16"	0.070"	9407K21	$0.20	3286T11	$0.70	96515K41	$1.31	96505K21	$0.27	9616K11	$0.23		
3/32"	0.103"	9407K11	.25	3286T13	.83	96515K42	1.74	96505K22	.35	9616K12	.39	12975K32	$0.26
1/8"	0.139"	9407K12	.38	3286T15	.97	96515K43	2.31	96505K23	.52	9616K13	.48	12975K33	.40
3/16"	0.210"	9407K13	.45	3286T17	1.40	96515K44	3.45	96505K24	.73	9616K14	.55	12975K34	.49
1/4"	0.275"	9407K14	.50	3286T18	1.83	96515K45	5.12	96505K25	.85	9616K15	.64	12975K35	.53
5/16"	0.313"	9407K15	.59	3286T19	2.37	96515K46	7.37	96505K26	1.16	9616K16	.70	12975K36	.63
3/8"	0.375"	9407K16	.74	3286T21	3.37	96515K47	9.39	96505K27	1.59	9616K17	.75	12975K37	.80
7/16"	0.437"	9407K17	1.23	3286T23	4.33	96515K49	12.63	96505K47	2.39	9616K37	.94	12975K38	1.29
1/2"	0.500"	9407K22	1.53	3286T25	5.47	96515K48	15.65	96505K28	2.64	9616K18	1.19	12975K39	1.55
5/8"	0.625"	9407K29	2.33					96505K48	4.80	9616K38	2.04	12975K41	2.33
3/4"	0.750"	9407K23	3.13					96505K29	6.82	9616K19	2.97	12975K42	2.85
1"	1.000"	9407K24	4.79							9616K21	4.52	12975K43	4.41

Also Available: Softer versions of the Buna-N, Viton® fluoroelastomer, silicone, and neoprene cord stock in all the widths shown above. Please specify fractional width.

Also Available: FDA-compliant Viton® fluoroelastomer and Viton® ETP fluoroelastomer for greater chemical resistance. Please specify fractional width: 1/16", 3/32", 1/8", or 3/16".

Material	Durometer	Temp. Range	Color	
Buna-N	A50	Not rated	Black	9864K15
Viton® Fluoroelastomer	A55	5° to 392° F	Black	7643K47
Silicone	A50	392° F max.; min. not rated	Black	5229T23
Neoprene	A50	Not rated	Black	1430K31
FDA-Compliant Viton® Fluoroelastomer	A75	5° to 392° F	White	1092T11
Chemical-Resistant Viton® ETP	A75	20° to 392° F	Black	1102T11

Round Cross Section—Metric Sizes

Wd., mm	Actual Wd.	Buna-N	Per Ft.	Viton® Fluoroelastomer Actual Wd.	Viton® Fluoroelastomer	Per Ft.	Wd., mm	Actual Wd.	Buna-N	Per Ft.	Viton® Fluoroelastomer Actual Wd.	Viton® Fluoroelastomer	Per Ft.
1.6	0.063"	9679K11	$0.25	0.063"	94245K51	$1.14	6.0	0.236"	9679K21	$0.66			
2.0	0.079"	9679K12	.29				6.5	0.256"	9679K22	.68			
2.4	0.094"	9679K13	.31	0.093"	94245K52	1.36	7.0	0.276"	9679K23	.73			
3.0	0.118"	9679K14	.43	0.118"	94245K53	1.84	7.5	0.295"	9679K24	.92			
3.5	0.138"	9679K15	.43				8.0	0.315"	9679K25	.99			
4.0	0.157"	9679K16	.49	0.157"	94245K54	2.34	8.5	0.334"	9679K26	1.21	0.335"	94245K57	$7.89
4.5	0.177"	9679K17	.53				9.0	0.354"	9679K27	1.34			
5.0	0.196"	9679K18	.61	0.197"	94245K56	2.90	10.0	0.394"	9679K28	1.70			
5.7	0.224"	9679K19	.65	0.224"	94245K55	3.78	11.0	0.433"	9679K31	2.21			

Square Cross Section—Inch Sizes

Fractional Sq. Size	Actual Sq. Size	Buna-N	Per Ft.	Viton® Fluoroelastomer Actual Sq. Size	Viton® Fluoroelastomer	Per Ft.	Fractional Sq. Size	Actual Sq. Size	Buna-N	Per Ft.	Viton® Fluoroelastomer Actual Sq. Size	Viton® Fluoroelastomer	Per Ft.
3/32"	0.103"	9700K11	$0.57	0.093"	2542T21	$1.33	3/8"	0.375"	9700K15	$1.78	0.375"	2542T26	$9.45
1/8"	0.139"	9700K12	.69	0.125"	2542T22	1.50	1/2"	0.500"	9700K16	2.61	0.500"	2542T27	16.05
3/16"	0.210"	9700K13	.79	0.187"	2542T23	3.10	5/8"	0.625"	9700K17	2.91	0.625"	2542T28★	22.88
1/4"	0.275"	9700K14	1.05	0.250"	2542T24	4.60	3/4"	0.750"	9700K18	4.27	0.750"	2542T29★	31.62
5/16"	0.313"	9700K19	1.19	0.312"	2542T25	6.86							

★ Maximum continuous length is 50 ft. Does not meet AMS-3216G.

Quad Cross Section—Inch Sizes

Fractional Wd.	Actual Wd.	Buna-N	Per Ft.	Fractional Wd.	Actual Wd.	Buna-N	Per Ft.
3/32"	0.103"	1034T11	$0.50	3/16"	0.210"	1034T13	$0.84
1/8"	0.139"	1034T12	.59	1/4"	0.275"	1034T14	1.09

O-Ring Cord Splicing Kits

Everything you need to make custom O-rings—cord stock, a splicing jig, a tube of adhesive, and a razor blade. Kits are furnished in a plastic case. Cord lengths are 7 ft. for *inch* and 3 ft. for *metric* and *inch/metric kits*. Durometer is A70, except Viton® fluoroelastomer is A75.

Kit	Cord Material	Included Inch Diameters	Included Metric Diameters, mm		Each
Inch	Buna-N	0.103", 0.139", 0.210", 0.275"		9694K21	$34.22
Inch	Viton®	0.103", 0.139", 0.210", 0.275"		9696K31	114.24
Inch	Silicone	0.070", 0.103", 0.139", 0.210", 0.275"		9695K11	46.13
Inch	EPDM	0.070", 0.103", 0.139", 0.210", 0.275"		13105K41	31.50
Metric	Buna-N		1.5, 2, 2.5, 3, 3.5, 4, 5, 5.7, 8.4	9693K1	28.80
Inch/Metric	Buna-N	0.070", 0.103", 0.139", 0.210", 0.275"	1.5, 2, 2.5, 3, 3.5, 4, 5, 5.7, 8.4	9410K11	41.85
7 1/4" Lg. × 3/4" Wd. Splicing Jig for Cord Stock Diameters 0.070"-0.331"				9462K2	10.73