

# O-RINGS



## O-Rings

The O-Ring is the most widely used seal in industry today. It is simple in concept, easy to install, can be used as a double-acting seal, can seal pressures to over 5,000 psi in static and dynamic applications and, best of all, is very economical.

While simple in concept, it can be very sophisticated in its application. When technical information beyond the scope of this catalogue is required, please consult our customer service representative.

### HOW TO SPECIFY O-RINGS

O-Rings are specified by calling out:

- (1) the O-Ring size, and
- (2) the compound number

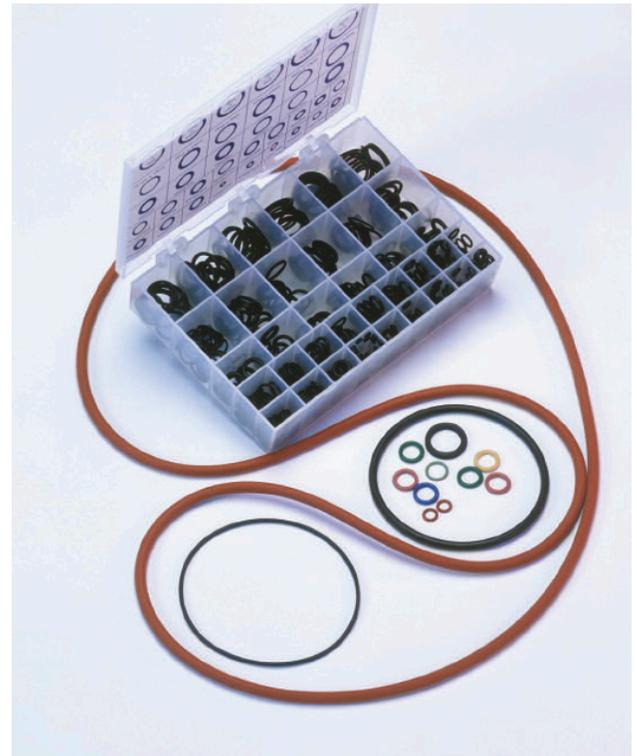
### Selecting a Standard Size

O-Rings are available in 349 sizes as set up by the Aerospace Standard 568 published by the Society of Automotive Engineers. These sizes are designated by dash numbers as shown on the Size Charts.

For instance, an O-Ring with an inside diameter (I.D.) of  $.362 \pm .007$ " and a cross section (W) of  $.103 \pm .003$ " is designated as AS568-110.

### Steps to Selecting a Compound

1. RPM standard compounds are shown on page 77. Compounds are available in a variety of elastomers such as Nitrile, Neoprene, Ethylene Propylene, Fluoroelastomer, etc. To select the proper elastomer, check the following:
  - a) Compatibility with the fluid media to be sealed, from the Fluid Compatibility Table (pgs. 78 to 80).
  - b) Temperature range required, from the Temperature Range Chart (pg. 82).
  - c) General properties required, from the Comparison of Properties Chart (pg. 81).
 Usually you will be able to find one base elastomer which will best meet these requirements.
2. The next step is to determine the durometer (hardness) needed, from the Durometer Chart (pg. 83).
3. With the elastomer and durometer known, refer back to the Compound descriptions on page 77 to select a specific RPM compound.



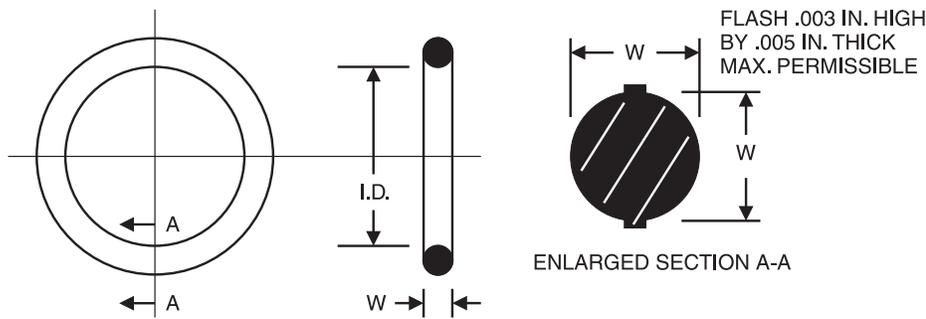
### To Determine Material

Base your selection on:

1. How the unit will operate. Will it be static or dynamic sealing?
2. The media to be sealed (fluid, gas, specific chemicals, etc.), or will the O-Ring have some other use?
3. Temperature extremes, length of exposure.
4. Pressure range (higher pressure requires higher durometer).

All materials are compounded under stringent quality control for uniformity of excellent physical properties. Materials are available that meet government, military, space programs, automotive, F.D.A., U.L., industrial and commercial specifications.

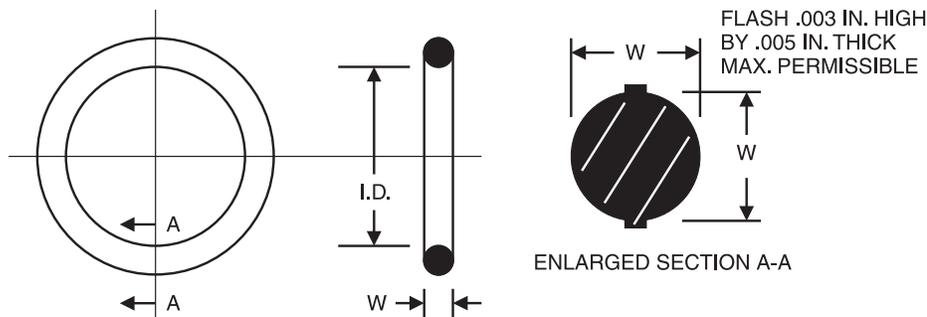
**Call our customer service representative for recommendations of compounds for specific applications or material specifications.**



**O-Ring sizes by AS568 dash numbers**

Size Ref. AS568	Nominal Size Inches			Actual Size Inches		Vol. Cubic In.	Actual Size Millimeters		Vol. Cubic Cent.
	I.D.	O.D.	W	I.D.	W		I.D.	W	
-001	1/32	3/32	1/32	.029±.004	.040±.003	.0003	0,74±0,10	1,02±0,08	.005
-002	3/64	9/64	3/64	.042±.004	.050±.003	.0006	1,07±0,10	1,27±0,08	.010
-003	1/16	3/16	1/16	.056±.004	.060±.003	.0010	1,42±0,10	1,53±0,08	.016
-004	5/64	13/64	1/16	.070±.005	.070±.003	.0017	1,78±0,12	1,78±0,08	.028
-005	7/64	15/64	1/16	.101±.005	.070±.003	.0021	2,57±0,12	1,78±0,08	.034
-006	1/8	1/4	1/16	.114±.005	.070±.003	.0022	2,90±0,12	1,78±0,08	.036
-007	5/32	9/32	1/16	.145±.005	.070±.003	.0026	3,69±0,12	1,78±0,08	.043
-008	3/16	5/16	1/16	.176±.005	.070±.003	.0030	4,47±0,12	1,78±0,08	.049
-009	7/32	11/32	1/16	.208±.005	.070±.003	.0034	5,29±0,12	1,78±0,08	.056
-010	1/4	3/8	1/16	.239±.005	.070±.003	.0037	6,07±0,12	1,78±0,08	.061
-011	5/16	7/16	1/16	.301±.005	.070±.003	.0045	7,65±0,12	1,78±0,08	.074
-012	3/8	1/2	1/16	.364±.005	.070±.003	.0052	9,25±0,12	1,78±0,08	.085
-013	7/16	9/16	1/16	.426±.005	.070±.003	.0060	10,82±0,12	1,78±0,08	.098
-014	1/2	5/8	1/16	.489±.005	.070±.003	.0068	12,42±0,12	1,78±0,08	.111
-015	9/16	11/16	1/16	.551±.007	.070±.003	.0075	14,00±0,17	1,78±0,08	.123
-016	5/8	3/4	1/16	.614±.009	.070±.003	.0083	15,60±0,22	1,78±0,08	.136
-017	11/16	13/16	1/16	.676±.009	.070±.003	.0090	17,17±0,22	1,78±0,08	.147
-018	3/4	7/8	1/16	.739±.009	.070±.003	.0098	18,77±0,22	1,78±0,08	.161
-019	13/16	15/16	1/16	.801±.009	.070±.003	.0105	20,35±0,22	1,78±0,08	.172
-020	7/8	1	1/16	.864±.009	.070±.003	.0113	21,95±0,22	1,78±0,08	.185
-021	15/16	1-1/16	1/16	.926±.009	.070±.003	.0120	23,52±0,22	1,78±0,08	.197
-022	1	1-1/8	1/16	.989±.010	.070±.003	.0128	25,12±0,25	1,78±0,08	.210
-023	1-1/16	1-3/16	1/16	1.051±.010	.070±.003	.0136	26,70±0,25	1,78±0,08	.223
-024	1-1/8	1-1/4	1/16	1.114±.010	.070±.003	.0143	28,30±0,25	1,78±0,08	.234
-025	1-3/16	1-5/16	1/16	1.176±.010	.070±.003	.0151	29,87±0,28	1,78±0,08	.247
-026	1-1/4	1-3/8	1/16	1.239±.011	.070±.003	.0158	31,47±0,28	1,78±0,08	.259
-027	1-5/16	1-7/16	1/16	1.301±.011	.070±.003	.0166	33,05±0,28	1,78±0,08	.272
-028	1-3/8	1-1/2	1/16	1.364±.013	.070±.003	.0173	34,65±0,33	1,78±0,08	.283
-029	1-1/2	1-5/8	1/16	1.489±.013	.070±.003	.0188	37,82±0,33	1,78±0,08	.308
-030	1-5/8	1-3/4	1/16	1.614±.013	.070±.003	.0204	41,00±0,33	1,78±0,08	.334
-031	1-3/4	1-7/8	1/16	1.739±.015	.070±.003	.0219	44,17±0,38	1,78±0,08	.359
-032	1-7/8	2	1/16	1.864±.015	.070±.003	.0234	47,35±0,38	1,78±0,08	.383
-033	2	2-1/8	1/16	1.989±.018	.070±.003	.0249	50,52±0,46	1,78±0,08	.408
-034	2-1/8	2-1/4	1/16	2.114±.018	.070±.003	.0264	53,70±0,46	1,78±0,08	.433
-035	2-1/4	2-3/8	1/16	2.239±.018	.070±.003	.0279	56,87±0,46	1,78±0,08	.457

All sizes are based on 70-durometer Nitrile compounds. Materials with unusual shrinkage during curing may have slightly different dimensions. Check with our office for critical applications.



**O-Ring sizes by AS568 dash numbers**

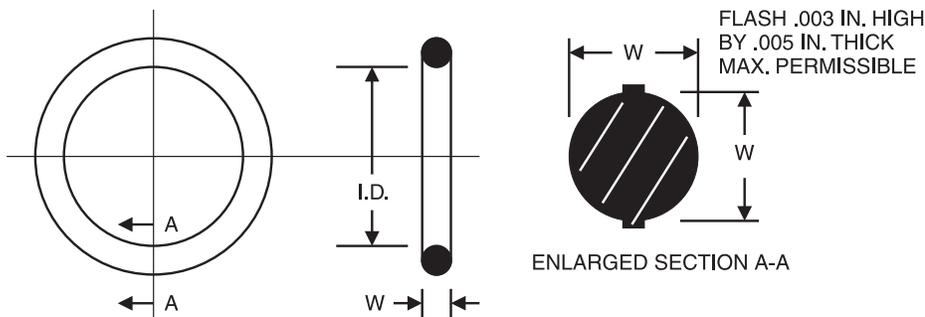
Size Ref. AS568	Nominal Size Inches			Actual Size Inches		Vol. Cubic In.	Actual Size Millimeters		Vol. Cubic Cent.
	I.D.	O.D.	W	I.D.	W		I.D.	W	
-036	2-3/8	2-1/2	1/16	2.364±.018	.070±.003	.0294	60,04±0,46	1,78±0,08	.482
-037	2-1/2	2-5/8	1/16	2.489±.018	.070±.003	.0309	63,22±0,46	1,78±0,08	.506
-038	2-5/8	2-3/4	1/16	2.614±.020	.070±.003	.0325	66,40±0,50	1,78±0,08	.533
-039	2-3/4	2-7/8	1/16	2.739±.020	.070±.003	.0340	69,57±0,50	1,78±0,08	.557
-040	2-7/8	3	1/16	2.864±.020	.070±.003	.0355	72,75±0,50	1,78±0,08	.582
-041	3	3-1/8	1/16	2.989±.024	.070±.003	.0370	75,92±0,61	1,78±0,08	.606
-042	3-1/4	3-3/8	1/16	3.239±.024	.070±.003	.0400	82,27±0,61	1,78±0,08	.655
-043	3-1/2	3-5/8	1/16	3.489±.024	.070±.003	.0430	88,62±0,61	1,78±0,08	.705
-044	3-3/4	3-7/8	1/16	3.739±.027	.070±.003	.0461	94,97±0,69	1,78±0,08	.755
-045	4	4-1/8	1/16	3.989±.027	.070±.003	.0491	101,32±0,69	1,78±0,08	.805
-046	4-1/4	4-3/8	1/16	4.239±.030	.070±.003	.0521	107,67±0,76	1,78±0,08=	.854
-047	4-1/2	4-5/8	1/16	4.489±.030	.070±.003	.0551	114,02±0,76	1,78±0,08	.903
-048	4-3/4	4-7/8	1/16	4.739±.030	.070±.003	.0581	120,37±0,76	1,78±0,08	.952
-049	5	5-1/8	1/16	4.989±.037	.070±.003	.0612	126,72±0,94	1,78±0,08	1.003
-050	5-1/4	5-3/8	1/16	5.239±.037	.070±.003	.0642	133,07±0,94	1,78±0,08	1.052
-051 Thru -101 O-Ring Sizes Not Assigned									
-102	1/16	1/4	3/32	.049±.005	.103±.003	.0040	1,24±0,12	2,62±0,08	.066
-103	3/32	9/32	3/32	.081±.005	.103±.003	.0048	2,05±0,12	2,62±0,08	.079
-104	1/8	5/16	3/32	.112±.005	.103±.003	.0056	2,84±0,12	2,62±0,08	.092
-105	5/32	11/32	3/32	.143±.005	.103±.003	.0064	3,63±0,12	2,62±0,08	.105
-106	3/16	3/8	3/32	.174±.005	.103±.003	.0073	4,42±0,12	2,62±0,08	.120
-107	7/32	13/32	3/32	.206±.005	.103±.003	.0081	5,23±0,12	2,62±0,08	.133
-108	1/4	7/16	3/32	.237±.005	.103±.003	.0089	6,02±0,12	2,62±0,08	.146
-109	5/16	1/2	3/32	.299±.005	.103±.003	.0105	7,60±0,12	2,62±0,08	.172
-110	3/8	9/16	3/32	.362±.005	.103±.003	.0122	9,19±0,12	2,62±0,08	.200
-111	7/16	5/8	3/32	.424±.005	.103±.003	.0138	10,77±0,12	2,62±0,08	.226
-112	1/2	11/16	3/32	.487±.005	.103±.003	.0154	12,37±0,12	2,62±0,08	.252
-113	9/16	3/4	3/32	.549±.005	.103±.003	.0171	13,95±0,17	2,62±0,08	.280
-114	5/8	13/16	3/32	.612±.009	.103±.003	.0187	15,54±0,22	2,62±0,08	.306
-115	11/16	7/8	3/32	.674±.009	.103±.003	.0203	17,12±0,22	2,62±0,08	.333
-116	3/4	15/16	3/32	.737±.009	.103±.003	.0220	18,72±0,22	2,62±0,08	.361
-117	13/16	1	3/32	.799±.010	.103±.003	.0236	20,29±0,25	2,62±0,08	.387
-118	7/8	1-1/16	3/32	.862±.010	.103±.003	.0253	21,90±0,25	2,62±0,08	.415

All sizes are based on 70-durometer Nitrile compounds. Materials with unusual shrinkage during curing may have slightly different dimensions. Check with our office for critical applications.

### O-Ring sizes by AS568 dash numbers

Size Ref. AS568	Nominal Size Inches			Actual Size Inches		Vol. Cubic In.	Actual Size Millimeters		Vol. Cubic Cent.
	I.D.	O.D.	W	I.D.	W		I.D.	W	
-119	15/16	1-1/8	3/32	.924±.010	.103±.003	.0269	23,47±0,25	2,62±0,08	.441
-120	1	1-3/16	3/32	.987±.010	.103±.003	.0285	25,07±0,25	2,62±0,08	.467
-121	1-1/16	1-1/4	3/32	1.049±.010	.103±.003	.0302	26,65±0,25	2,62±0,08	.495
-122	1-1/8	1-5/16	3/32	1.112±.010	.103±.003	.0318	28,25±0,25	2,62±0,08	.521
-123	1-3/16	1-3/8	3/32	1.174±.012	.103±.003	.0334	29,82±0,30	2,62±0,08	.547
-124	1-1/4	1-7/16	3/32	1.237±.012	.103±.003	.0351	31,42±0,30	2,62±0,08	.575
-125	1-5/16	1-1/2	3/32	1.299±.012	.103±.003	.0367	32,99±0,30	2,62±0,08	.601
-126	1-3/8	1-9/16	3/32	1.362±.012	.103±.003	.0383	34,60±0,30	2,62±0,08	.628
-127	1-7/16	1-5/8	3/32	1.424±.012	.103±.003	.0400	36,17±0,30	2,62±0,08	.655
-128	1-1/2	1-11/16	3/32	1.487±.012	.103±.003	.0416	37,77±0,30	2,62±0,08	.682
-129	1-9/16	1-3/4	3/32	1.549±.015	.103±.003	.0432	39,35±0,38	2,62±0,08	.708
-130	1-5/8	1-13/16	3/32	1.612±.015	.103±.003	.0449	40,95±0,38	2,62±0,08	.736
-131	1-11/16	1-7/8	3/32	1.674±.015	.103±.003	.0465	42,52±0,38	2,62±0,08	.762
-132	1-3/4	1-15/16	3/32	1.737±.015	.103±.003	.0482	44,12±0,38	2,62±0,08	.790
-133	1-13/16	2	3/32	1.799±.015	.103±.003	.0498	45,70±0,38	2,62±0,08	.816
-134	1-7/8	2-1/16	3/32	1.862±.015	.103±.003	.0514	47,30±0,38	2,62±0,08	.842
-135	1-15/16	2-1/8	3/32	1.925±.017	.103±.003	.0531	48,90±0,43	2,62±0,08	.870
-136	2	2-3/16	3/32	1.987±.017	.103±.003	.0547	50,47±0,43	2,62±0,08	.896
-137	2-1/16	2-1/4	3/32	2.050±.017	.103±.003	.0564	52,07±0,43	2,62±0,08	.924
-138	2-1/8	2-5/16	3/32	2.112±.017	.103±.003	.0580	53,65±0,43	2,62±0,08	.950
-139	2-3/16	2-3/8	3/32	2.175±.017	.103±.003	.0596	55,25±0,43	2,62±0,08	.977
-140	2-1/4	2-7/16	3/32	2.237±.017	.103±.003	.0613	56,82±0,43	2,62±0,08	1.005
-141	2-5/16	2-1/2	3/32	2.300±.020	.103±.003	.0629	58,42±0,50	2,62±0,08	1.031
-142	2-3/8	2-9/16	3/32	2.362±.020	.103±.003	.0645	60,00±0,50	2,62±0,08	1.057
-143	2-7/16	2-5/8	3/32	2.425±.020	.103±.003	.0662	61,60±0,50	2,62±0,08	1.085
-144	2-1/2	2-11/16	3/32	2.487±.020	.103±.003	.0678	63,17±0,50	2,62±0,08	1.111
-145	2-9/16	2-3/4	3/32	2.550±.020	.103±.003	.0694	64,77±0,50	2,62±0,08	1.137
-146	2-5/8	2-13/16	3/32	2.612±.020	.103±.003	.0711	66,35±0,50	2,62±0,08	1.165
-147	2-11/16	2-7/8	3/32	2.675±.022	.103±.003	.0727	67,95±0,55	2,62±0,08	1.191
-148	2-3/4	2-15/16	3/32	2.737±.022	.103±.003	.0743	69,52±0,55	2,62±0,08	1.218
-149	2-13/16	3	3/32	2.800±.022	.103±.003	.0760	71,12±0,55	2,62±0,08	1.245
-150	2-7/8	3-1/16	3/32	2.862±.022	.103±.003	.0776	72,70±0,55	2,62±0,08	1.272
-151	3	3-3/16	3/32	2.987±.024	.103±.003	.0809	75,87±0,61	2,62±0,08	1.326
-152	3-1/4	3-7/16	3/32	3.237±.024	.103±.003	.0874	82,22±0,61	2,62±0,08	1.432
-153	3-1/2	3-11/16	3/32	3.487±.024	.103±.003	.0940	88,57±0,61	2,62±0,08	1.540
-154	3-3/4	3-15/16	3/32	3.737±.028	.103±.003	.1005	94,92±0,71	2,62±0,08	1.647
-155	4	4-3/16	3/32	3.987±.028	.103±.003	.1071	101,27±0,71	2,62±0,08	1.755
-156	4-1/4	4-7/16	3/32	4.237±.030	.103±.003	.1136	107,62±0,76	2,62±0,08	1.862
-157	4-1/2	4-11/16	3/32	4.487±.030	.103±.003	.1202	113,97±0,76	2,62±0,08	1.970
-158	4-3/4	4-15/16	3/32	4.737±.030	.103±.003	.1267	120,32±0,76	2,62±0,08	2.076
-159	5	5-3/16	3/32	4.987±.035	.103±.003	.1332	126,67±0,89	2,62±0,08	2.183
-160	5-1/4	5-7/16	3/32	5.237±.035	.103±.003	.1398	133,02±0,89	2,62±0,08	2.291
-161	5-1/2	5-11/16	3/32	5.487±.035	.103±.003	.1463	139,37±0,89	2,62±0,08	2.397
-162	5-3/4	5-15/16	3/32	5.737±.035	.103±.003	.1529	145,72±0,89	2,62±0,08	2.506
-163	6	6-3/16	3/32	5.987±.035	.103±.003	.1594	152,07±0,89	2,62±0,08	2.612
-164	6-1/4	6-7/16	3/32	6.237±.040	.103±.003	.1660	158,42±1,02	2,62±0,08	2.720
-165	6-1/2	6-11/16	3/32	6.487±.040	.103±.003	.1725	164,77±1,02	2,62±0,08	2.827
-166	6-3/4	6-15/16	3/32	6.737±.040	.103±.003	.1790	171,12±1,02	2,62±0,08	2.933

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**O-Ring sizes by AS568 dash numbers**

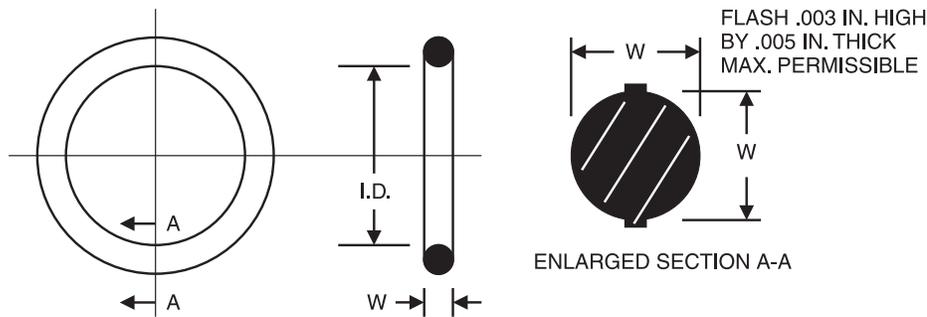
Size Ref. AS568	Nominal Size Inches			Actual Size Inches		Vol. Cubic In.	Actual Size Millimeters		Vol. Cubic Cent.
	I.D.	O.D.	W	I.D.	W		I.D.	W	
-167	7	7-3/16	3/32	6.987±.040	.103±.003	.1856	177,47±1,02	2,62±0,08	3.041
-168	7-1/4	7-7/16	3/32	7.237±.045	.103±.003	.1921	183,82±1,14	2,62±0,08	3.148
-169	7-1/2	7-11/16	3/32	7.487±.045	.103±.003	.1987	190,17±1,14	2,62±0,08	3.256
-170	7-3/4	7-15/16	3/32	7.737±.045	.103±.003	.2052	196,52±1,14	2,62±0,08	3.363
-171	8	8-3/16	3/32	7.987±.045	.103±.003	.2118	202,87±1,14	2,62±0,08	3.471
-172	8-1/4	8-7/16	3/32	8.237±.050	.103±.003	.2183	209,22±1,25	2,62±0,08	3.577
-173	8-1/2	8-11/16	3/32	8.487±.050	.103±.003	.2249	215,57±1,25	2,62±0,08	3.685
-174	8-3/4	8-15/16	3/32	8.737±.050	.103±.003	.2314	221,92±1,25	2,62±0,08	3.792
-175	9	9-3/16	3/32	8.987±.050	.103±.003	.2379	228,27±1,25	2,62±0,08	3.898
-176	9-1/4	9-7/16	3/32	9.237±.055	.103±.003	.2445	234,62±1,40	2,62±0,08	4.007
-177	9-1/2	9-11/16	3/32	9.487±.055	.103±.003	.2510	240,97±1,40	2,62±0,08	4.113
-178	9-3/4	9-15/16	3/32	9.737±.055	.103±.003	.2576	247,32±1,40	2,62±0,08	4.221
-179 Thru -200 O-Ring Sizes Not Assigned									
-201	3/16	7/16	1/8	.171±.005	.139±.004	.0148	4,34±0,12	3,53±0,10	.243
-202	1/4	1/2	1/8	.234±.005	.139±.004	.0178	5,94±0,12	3,53±0,10	.292
-203	5/16	9/16	1/8	.296±.005	.139±.004	.0207	7,52±0,12	3,53±0,10	.339
-204	3/8	5/8	1/8	.359±.005	.139±.004	.0237	9,12±0,12	3,53±0,10	.388
-205	7/16	11/16	1/8	.421±.005	.139±.004	.0267	10,69±0,12	3,53±0,10	.438
-206	1/2	3/4	1/8	.484±.005	.139±.004	.0297	12,29±0,12	3,53±0,10	.487
-207	9/16	13/16	1/8	.546±.007	.139±.004	.0327	13,87±0,17	3,53±0,10	.536
-208	5/8	7/8	1/8	.609±.009	.139±.004	.0357	15,47±0,23	3,53±0,10	.585
-209	11/16	15/16	1/8	.671±.009	.139±.004	.0386	17,04±0,23	3,53±0,10	.633
-210	3/4	1	1/8	.734±.010	.139±.004	.0416	18,64±0,25	3,53±0,10	.682
-211	13/16	1-1/16	1/8	.796±.010	.139±.004	.0446	20,22±0,25	3,53±0,10	.731
-212	7/8	1-1/8	1/8	.859±.010	.139±.004	.0476	21,82±0,25	3,53±0,10	.780
-213	15/16	1-3/16	1/8	.921±.010	.139±.004	.0505	23,40±0,25	3,53±0,10	.828
-214	1	1-1/4	1/8	.984±.010	.139±.004	.0535	25,00±0,25	3,53±0,10	.877
-215	1-1/16	1-5/16	1/8	1.046±.010	.139±.004	.0565	26,57±0,25	3,53±0,10	.926
-216	1-1/8	1-3/8	1/8	1.109±.012	.139±.004	.0595	28,17±0,30	3,53±0,10	.975
-217	1-3/16	1-7/16	1/8	1.171±.012	.139±.004	.0625	29,75±0,30	3,53±0,10	1.024
-218	1-1/4	1-1/2	1/8	1.234±.012	.139±.004	.0655	31,34±0,30	3,53±0,10	1.073
-219	1-5/16	1-9/16	1/8	1.296±.012	.139±.004	.0684	32,92±0,30	3,53±0,10	1.121
-220	1-3/8	1-5/8	1/8	1.359±.012	.139±.004	.0714	34,52±0,30	3,53±0,10	1.170

All sizes are based on 70-durometer Nitrile compounds. Materials with unusual shrinkage during curing may have slightly different dimensions. Check with our office for critical applications.

### O-Ring sizes by AS568 dash numbers

Size Ref. AS568	Nominal Size Inches			Actual Size Inches		Vol. Cubic In.	Actual Size Millimeters		Vol. Cubic Cent.
	I.D.	O.D.	W	I.D.	W		I.D.	W	
-221	1-7/16	1-11/16	1/8	1.421±.012	.139±.004	.0744	36,10±0,30	3,53±0,10	1.219
-222	1-1/2	1-3/4	1/8	1.484±.015	.139±.004	.0774	37,70±0,38	3,53±0,10	1.268
-223	1-5/8	1-7/8	1/8	1.609±.015	.139±.004	.0833	40,87±0,38	3,53±0,10	1.365
-224	1-3/4	2	1/8	1.734±.015	.139±.004	.0893	44,05±0,38	3,53±0,10	1.463
-225	1-7/8	2-1/8	1/8	1.859±.018	.139±.004	.0952	47,22±0,46	3,53±0,10	1.560
-226	2	2-1/4	1/8	1.984±.018	.139±.004	.1012	50,40±0,46	3,53±0,10	1.658
-227	2-1/8	2-3/8	1/8	2.109±.018	.139±.004	.1072	53,57±0,46	3,53±0,10	1.757
-228	2-1/4	2-1/2	1/8	2.234±.020	.139±.004	.1131	56,75±0,50	3,53±0,10	1.853
-229	2-3/8	2-5/8	1/8	2.359±.020	.139±.004	.1191	59,92±0,50	3,53±0,10	1.952
-230	2-1/2	2-3/4	1/8	2.484±.020	.139±.004	.1250	63,10±0,50	3,53±0,10	2.048
-231	2-5/8	2-7/8	1/8	2.609±.020	.139±.004	.1310	66,27±0,50	3,53±0,10	2.147
-232	2-3/4	3	1/8	2.734±.024	.139±.004	.1370	69,44±0,61	3,53±0,10	2.245
-233	2-7/8	3-1/8	1/8	2.859±.024	.139±.004	.1429	72,62±0,61	3,53±0,10	2.342
-234	3	3-1/4	1/8	2.984±.024	.139±.004	.1489	75,79±0,61	3,53±0,10	2.440
-235	3-1/8	3-3/8	1/8	3.109±.024	.139±.004	.1548	78,97±0,61	3,53±0,10	2.537
-236	3-1/4	3-1/2	1/8	3.234±.024	.139±.004	.1608	82,14±0,61	3,53±0,10	2.635
-237	3-3/8	3-5/8	1/8	3.359±.024	.139±.004	.1668	85,32±0,61	3,53±0,10	2.733
-238	3-1/2	3-3/4	1/8	3.484±.024	.139±.004	.1727	88,49±0,61	3,53±0,10	2.830
-239	3-5/8	3-7/8	1/8	3.609±.028	.139±.004	.1787	91,67±0,71	3,53±0,10	2.928
-240	3-3/4	4	1/8	3.734±.028	.139±.004	.1846	94,84±0,71	3,53±0,10	3.025
-241	3-7/8	4-1/8	1/8	3.859±.028	.139±.004	.1906	98,02±0,71	3,53±0,10	3.123
-242	4	4-1/4	1/8	3.984±.028	.139±.004	.1966	101,19±0,71	3,53±0,10	3.222
-243	4-1/8	4-3/8	1/8	4.109±.028	.139±.004	.2025	104,37±0,71	3,53±0,10	3.318
-244	4-1/4	4-1/2	1/8	4.234±.030	.139±.004	.2085	107,54±0,76	3,53±0,10	3.417
-245	4-3/8	4-5/8	1/8	4.359±.030	.139±.004	.2144	110,72±0,76	3,53±0,10	3.513
-246	4-1/2	4-3/4	1/8	4.484±.030	.139±.004	.2204	113,89±0,76	3,53±0,10	3.612
-247	4-5/8	4-7/8	1/8	4.609±.030	.139±.004	.2263	117,07±0,76	3,53±0,10	3.708
-248	4-3/4	5	1/8	4.734±.030	.139±.004	.2323	120,24±0,76	3,53±0,10	3.807
-249	4-7/8	5-1/8	1/8	4.859±.035	.139±.004	.2383	123,42±0,89	3,53±0,10	3.905
-250	5	5-1/4	1/8	4.984±.035	.139±.004	.2442	126,59±0,89	3,53±0,10	4.002
-251	5-1/8	5-3/8	1/8	5.109±.035	.139±.004	.2502	129,77±0,89	3,53±0,10	4.100
-252	5-1/4	5-1/2	1/8	5.234±.035	.139±.004	.2561	132,94±0,89	3,53±0,10	4.197
-253	5-3/8	5-5/8	1/8	5.359±.035	.139±.004	.2621	136,12±0,89	3,53±0,10	4.295
-254	5-1/2	5-3/4	1/8	5.484±.035	.139±.004	.2681	139,30±0,89	3,53±0,10	4.393
-255	5-5/8	5-7/8	1/8	5.609±.035	.139±.004	.2740	142,47±0,89	3,53±0,10	4.490
-256	5-3/4	6	1/8	5.734±.035	.139±.004	.2800	145,65±0,89	3,53±0,10	4.588
-257	5-7/8	6-1/8	1/8	5.859±.035	.139±.004	.2859	148,82±0,89	3,53±0,10	4.685
-258	6	6-1/4	1/8	5.984±.035	.139±.004	.2919	152,00±0,89	3,53±0,10	4.783
-259	6-1/4	6-1/2	1/8	6.234±.040	.139±.004	.3038	158,35±1,02	3,53±0,10	4.978
-260	6-1/2	6-3/4	1/8	6.484±.040	.139±.004	.3157	164,70±1,02	3,53±0,10	5.173
-261	6-3/4	7	1/8	6.734±.040	.139±.004	.3277	171,05±1,02	3,53±0,10	5.370
-262	7	7-1/4	1/8	6.984±.040	.139±.004	.3396	177,40±1,02	3,53±0,10	5.565
-263	7-1/4	7-1/2	1/8	7.234±.045	.139±.004	.3515	183,75±1,14	3,53±0,10	5.760
-264	7-1/2	7-3/4	1/8	7.484±.045	.139±.004	.3634	190,10±1,14	3,53±0,10	5.955
-265	7-3/4	8	1/8	7.734±.045	.139±.004	.3753	196,45±1,14	3,53±0,10	6.150
-266	8	8-1/4	1/8	7.984±.045	.139±.004	.3872	202,80±1,14	3,53±0,10	6.345
-267	8-1/4	8-1/2	1/8	8.234±.050	.139±.004	.3992	209,15±1,25	3,53±0,10	6.542
-268	8-1/2	8-3/4	1/8	8.484±.050	.139±.004	.4111	215,50±1,25	3,53±0,10	6.737

All sizes are based on 70-durometer Nitrile compounds. Materials with unusual shrinkage during curing may have slightly different dimensions. Check with our office for critical applications.



**O-Ring sizes by AS568 dash numbers**

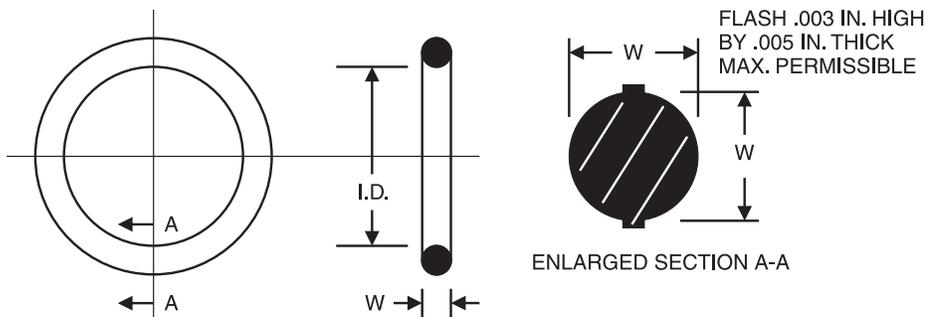
Size Ref. AS568	Nominal Size Inches			Actual Size Inches		Vol. Cubic In.	Actual Size Millimeters		Vol. Cubic Cent.
	I.D.	O.D.	W	I.D.	W		I.D.	W	
-269	8-3/4	9	1/8	8.734±.050	.139±.004	.4230	221,85±1,25	3,53±0,10	6.932
-270	9	9-1/4	1/8	8.984±.050	.139±.004	.4349	228,20±1,25	3,53±0,10	7.127
-271	9-1/4	9-1/2	1/8	9.234±.055	.139±.004	.4468	234,55±1,40	3,53±0,10	7.322
-272	9-1/2	9-3/4	1/8	9.484±.055	.139±.004	.4588	240,90±1,40	3,53±0,10	7.518
-273	9-3/4	10	1/8	9.734±.055	.139±.004	.4707	247,25±1,40	3,53±0,10	7.713
-274	10	10-1/4	1/8	9.984±.055	.139±.004	.4826	253,60±1,40	3,53±0,10	7.908
-275	10-1/2	10-3/4	1/8	10.484±.055	.139±.004	.5064	266,30±1,40	3,53±0,10	8.298
-276	11	11-1/4	1/8	10.984±.065	.139±.004	.5303	279,00±1,65	3,53±0,10	8.690
-277	11-1/2	11-3/4	1/8	11.484±.065	.139±.004	.5541	291,70±1,65	3,53±0,10	9.080
-278	12	12-1/4	1/8	11.984±.065	.139±.004	.5779	304,40±1,65	3,53±0,10	9.470
-279	13	13-1/4	1/8	12.984±.065	.139±.004	.6256	329,80±1,65	3,53±0,10	10.252
-280	14	14-1/4	1/8	13.984±.065	.139±.004	.6733	355,20±1,65	3,53±0,10	11.033
-281	15	15-1/4	1/8	14.984±.065	.139±.004	.7210	380,60±1,65	3,53±0,10	11.815
-282	16	16-1/4	1/8	15.955±.075	.139±.004	.7672	405,26±1,90	3,53±0,10	12.572
-283	17	17-1/4	1/8	16.955±.080	.139±.004	.8149	430,66±2,05	3,53±0,10	13.354
-284	18	18-1/4	1/8	17.955±.085	.139±.004	.8626	456,06±2,15	3,53±0,10	14.136
-285 Thru -308 O-Ring Sizes Not Assigned									
-309	7/16	13/16	3/16	.412±.005	.210±.005	.0677	10,46±0,12	5,34±0,12	1.109
-310	1/2	7/8	3/16	.475±.005	.210±.005	.0745	12,07±0,12	5,34±0,12	1.221
-311	9/16	15/16	3/16	.537±.007	.210±.005	.0813	13,64±0,17	5,34±0,12	1.332
-312	5/8	1	3/16	.600±.009	.210±.005	.0881	15,24±0,22	5,34±0,12	1.444
-313	11/16	1-1/16	3/16	.662±.009	.210±.005	.0949	16,81±0,22	5,34±0,12	1.555
-314	3/4	1-1/8	3/16	.725±.010	.210±.005	.1017	18,42±0,25	5,34±0,12	1.667
-315	13/16	1-3/16	3/16	.787±.010	.210±.005	.1085	19,99±0,25	5,34±0,12	1.778
-316	7/8	1-1/4	3/16	.850±.010	.210±.005	.1153	21,59±0,25	5,34±0,12	1.889
-317	15/16	1-5/16	3/16	.912±.010	.210±.005	.1221	23,16±0,25	5,34±0,12	2.001
-318	1	1-3/8	3/16	.975±.010	.210±.005	.1289	24,77±0,25	5,34±0,12	2.112
-319	1-1/16	1-7/16	3/16	1.037±.010	.210±.005	.1357	26,34±0,25	5,34±0,12	2.224
-320	1-1/8	1-1/2	3/16	1.100±.012	.210±.005	.1425	27,94±0,30	5,34±0,12	2.335
-321	1-3/16	1-9/16	3/16	1.162±.012	.210±.005	.1493	29,51±0,30	5,34±0,12	2.447
-322	1-1/4	1-5/8	3/16	1.225±.012	.210±.005	.1561	31,12±0,30	5,34±0,12	2.558
-323	1-5/16	1-11/16	3/16	1.287±.012	.210±.005	.1629	32,69±0,30	5,34±0,12	2.669
-324	1-3/8	1-3/4	3/16	1.350±.012	.210±.005	.1697	34,29±0,30	5,34±0,12	2.781

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### O-Ring sizes by AS568 dash numbers

Size Ref. AS568	Nominal Size Inches			Actual Size Inches		Vol. Cubic In.	Actual Size Millimeters		Vol. Cubic Cent.
	I.D.	O.D.	W	I.D.	W		I.D.	W	
-325	1-1/2	1-7/8	3/16	1.475±.015	.210±.005	.1833	37,47±0,38	5,34±0,12	3.004
-326	1-5/8	2	3/16	1.600±.015	.210±.005	.1970	40,65±0,38	5,34±0,12	3.228
-327	1-3/4	2-1/8	3/16	1.725±.015	.210±.005	.2106	43,82±0,38	5,34±0,12	3.451
-328	1-7/8	2-1/4	3/16	1.850±.015	.210±.005	.2242	46,99±0,38	5,34±0,12	3.674
-329	2	2-3/8	3/16	1.975±.018	.210±.005	.2378	50,16±0,46	5,34±0,12	3.897
-330	2-1/8	2-1/2	3/16	2.100±.018	.210±.005	.2514	53,34±0,46	5,34±0,12	4.120
-331	2-1/4	2-5/8	3/16	2.225±.018	.210±.005	.2650	56,52±0,46	5,34±0,12	4.343
-332	2-3/8	2-3/4	3/16	2.350±.018	.210±.005	.2786	59,69±0,46	5,34±0,12	4.565
-333	2-1/2	2-7/8	3/16	2.475±.020	.210±.005	.2922	62,87±0,50	5,34±0,12	4.788
-334	2-5/8	3	3/16	2.600±.020	.210±.005	.3058	66,04±0,50	5,34±0,12	5.011
-335	2-3/4	3-1/8	3/16	2.725±.020	.210±.005	.3194	69,22±0,50	5,34±0,12	5.234
-336	2-7/8	3-1/4	3/16	2.850±.020	.210±.005	.3330	72,39±0,50	5,34±0,12	5.457
-337	3	3-3/8	3/16	2.975±.024	.210±.005	.3466	75,57±0,61	5,34±0,12	5.680
-338	3-1/8	3-1/2	3/16	3.100±.024	.210±.005	.3602	78,74±0,61	5,34±0,12	5.903
-339	3-1/4	3-5/8	3/16	3.225±.024	.210±.005	.3738	81,92±0,61	5,34±0,12	6.125
-340	3-3/8	3-3/4	3/16	3.350±.024	.210±.005	.3874	85,09±0,61	5,34±0,12	6.348
-341	3-1/2	3-7/8	3/16	3.475±.024	.210±.005	.4010	88,27±0,61	5,34±0,12	6.571
-342	3-5/8	4	3/16	3.600±.028	.210±.005	.4146	91,44±0,71	5,34±0,12	6.794
-343	3-3/4	4-1/8	3/16	3.725±.028	.210±.005	.4282	94,62±0,71	5,34±0,12	7.017
-344	3-7/8	4-1/4	3/16	3.850±.028	.210±.005	.4418	97,79±0,71	5,34±0,12	7.240
-345	4	4-3/8	3/16	3.975±.028	.210±.005	.4554	100,96±0,71	5,34±0,12	7.463
-346	4-1/8	4-1/2	3/16	4.100±.028	.210±.005	.4690	104,14±0,71	5,34±0,12	7.686
-347	4-1/4	4-5/8	3/16	4.225±.030	.210±.005	.4826	107,32±0,76	5,34±0,12	7.908
-348	4-3/8	4-3/4	3/16	4.350±.030	.210±.005	.4962	110,49±0,76	5,34±0,12	8.131
-349	4-1/2	4-7/8	3/16	4.475±.030	.210±.005	.5098	113,67±0,76	5,34±0,12	8.354
-350	4-5/8	5	3/16	4.600±.030	.210±.005	.5234	116,84±0,76	5,34±0,12	8.577
-351	4-3/4	5-1/8	3/16	4.725±.030	.210±.005	.5370	120,02±0,76	5,34±0,12	8.800
-352	4-7/8	5-1/4	3/16	4.850±.030	.210±.005	.5506	123,19±0,76	5,34±0,12	9.023
-353	5	5-3/8	3/16	4.975±.037	.210±.005	.5642	126,37±0,94	5,34±0,12	9.246
-354	5-1/8	5-1/2	3/16	5.100±.037	.210±.005	.5778	129,54±0,94	5,34±0,12	9.468
-355	5-1/4	5-5/8	3/16	5.225±.037	.210±.005	.5914	132,72±0,94	5,34±0,12	9.691
-356	5-3/8	5-3/4	3/16	5.350±.037	.210±.005	.6050	135,89±0,94	5,34±0,12	9.914
-357	5-1/2	5-7/8	3/16	5.475±.037	.210±.005	.6186	139,07±0,94	5,34±0,12	10.137
-358	5-5/8	6	3/16	5.600±.037	.210±.005	.6322	142,24±0,94	5,34±0,12	10.360
-359	5-3/4	6-1/8	3/16	5.725±.037	.210±.005	.6458	145,42±0,94	5,34±0,12	10.583
-360	5-7/8	6-1/4	3/16	5.850±.037	.210±.005	.6594	148,59±0,94	5,34±0,12	10.806
-361	6	6-3/8	3/16	5.975±.037	.210±.005	.6730	151,77±0,94	5,34±0,12	11.029
-362	6-1/4	6-5/8	3/16	6.225±.040	.210±.005	.7002	158,12±1,02	5,34±0,12	11.474
-363	6-1/2	6-7/8	3/16	6.475±.040	.210±.005	.7274	164,47±1,02	5,34±0,12	11.920
-364	6-3/4	7-1/8	3/16	6.725±.040	.210±.005	.7546	170,82±1,02	5,34±0,12	12.366
-365	7	7-3/8	3/16	6.975±.040	.210±.005	.7818	177,17±1,02	5,34±0,12	12.811
-366	7-1/4	7-5/8	3/16	7.225±.045	.210±.005	.8090	183,52±1,14	5,34±0,12	13.257
-367	7-1/2	7-7/8	3/16	7.475±.045	.210±.005	.8362	189,87±1,14	5,34±0,12	13.703
-368	7-3/4	8-1/8	3/16	7.725±.045	.210±.005	.8634	196,22±1,14	5,34±0,12	14.149
-369	8	8-3/8	3/16	7.975±.045	.210±.005	.8906	202,57±1,14	5,34±0,12	14.594
-370	8-1/4	8-5/8	3/16	8.225±.050	.210±.005	.9178	208,92±1,30	5,34±0,12	15.040
-371	8-1/2	8-7/8	3/16	8.475±.050	.210±.005	.9450	215,27±1,30	5,34±0,12	15.486
-372	8-3/4	9-1/8	3/16	8.725±.050	.210±.005	.9722	221,62±1,30	5,34±0,12	15.932

All sizes are based on 70-durometer Nitrile compounds. Materials with unusual shrinkage during curing may have slightly different dimensions. Check with our office for critical applications.



**O-Ring sizes by AS568 dash numbers**

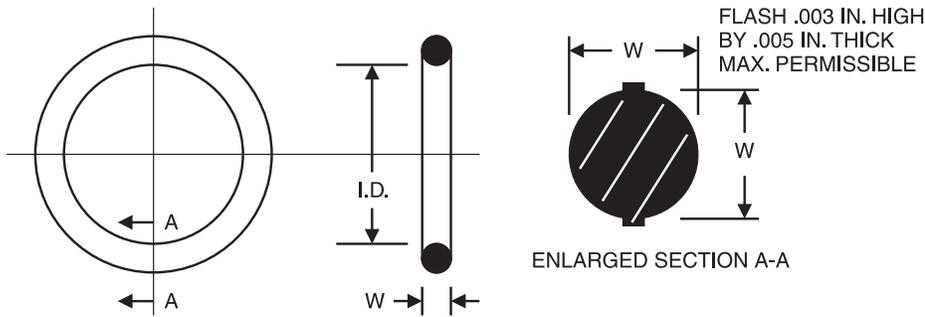
Size Ref. AS568	Nominal Size Inches			Actual Size Inches		Vol. Cubic In.	Actual Size Millimeters		Vol. Cubic Cent.
	I.D.	O.D.	W	I.D.	W		I.D.	W	
-373	9	9-3/8	3/16	8.975±.050	.210±.005	.9994	227,97±1,30	5,34±0,12	16.377
-374	9-1/4	9-5/8	3/16	9.225±.055	.210±.005	1.0266	234,32±1,40	5,34±0,12	16.823
-375	9-1/2	9-7/8	3/16	9.475±.055	.210±.005	1.0538	240,67±1,40	5,34±0,12	17.269
-376	9-3/4	10-1/8	3/16	9.725±.055	.210±.005	1.0811	247,02±1,40	5,34±0,12	17.716
-377	10	10-3/8	3/16	9.975±.055	.210±.005	1.1083	253,37±1,40	5,34±0,12	18.162
-378	10-1/2	10-7/8	3/16	10.475±.060	.210±.005	1.1627	266,07±1,52	5,34±0,12	19.053
-379	11	11-3/8	3/16	10.975±.060	.210±.005	1.2171	278,77±1,52	5,34±0,12	19.945
-380	11-1/2	11-7/8	3/16	11.475±.065	.210±.005	1.2715	291,47±1,65	5,34±0,12	20.836
-381	12	12-3/8	3/16	11.975±.065	.210±.005	1.3259	304,17±1,65	5,34±0,12	21.728
-382	13	13-3/8	3/16	12.975±.065	.210±.005	1.4347	329,55±1,65	5,34±0,12	23.511
-383	14	14-3/8	3/16	13.975±.070	.210±.005	1.5435	354,97±1,78	5,34±0,12	25.293
-384	15	15-3/8	3/16	14.975±.070	.210±.005	1.6523	380,37±1,78	5,34±0,12	27.076
-385	16	16-3/8	3/16	15.955±.075	.210±.005	1.7590	405,26±1,90	5,34±0,12	28.825
-386	17	17-3/8	3/16	16.955±.080	.210±.005	1.8678	430,65±2,05	5,34±0,12	30.608
-387	18	18-3/8	3/16	17.955±.085	.210±.005	1.9766	456,06±2,15	5,34±0,12	32.391
-388	19	19-3/8	3/16	18.955±.090	.210±.005	2.0854	481,46±2,25	5,34±0,12	34.174
-389	20	20-3/8	3/16	19.955±.095	.210±.005	2.1942	506,86±2,25	5,34±0,12	35.957
-390	21	21-3/8	3/16	20.955±.095	.210±.005	2.3030	532,26±2,25	5,34±0,12	37.739
-391	22	22-3/8	3/16	21.955±.100	.210±.005	2.4118	557,66±2,55	5,34±0,12	39.522
-392	23	23-3/8	3/16	22.940±.105	.210±.005	2.5190	582,65±2,65	5,34±0,12	41.279
-393	24	24-3/8	3/16	23.940±.110	.210±.005	2.6278	608,10±2,80	5,34±0,12	43.062
-394	25	25-3/8	3/16	24.940±.115	.210±.005	2.7366	633,50±2,90	5,34±0,12	44.845
-395	26	26-3/8	3/16	25.940±.120	.210±.005	2.8454	658,85±3,05	6,98±0,15	46.628
-396 Thru -424 O-Ring Sizes Not Assigned									
-425	4-1/2	5	1/4	4.475±.033	.275±.006	.8863	113,67±0,83	6,98±0,15	14.524
-426	4-5/8	5-1/8	1/4	4.600±.033	.275±.006	.9097	116,84±0,83	6,98±0,15	14.907
-427	4-3/4	5-1/4	1/4	4.725±.033	.275±.006	.9330	120,02±0,83	6,98±0,15	15.289
-428	4-7/8	5-3/8	1/4	4.850±.033	.275±.006	.9536	123,19±0,83	6,98±0,15	15.671
-429	5	5-1/2	1/4	4.975±.037	.275±.006	.9796	126,37±0,93	6,98±0,15	16.053
-430	5-1/8	5-5/8	1/4	5.100±.037	.275±.006	1.0030	129,54±0,93	6,98±0,15	16.436
-431	5-1/4	5-3/4	1/4	5.225±.037	.275±.006	1.0263	132,72±0,93	6,98±0,15	16.818
-432	5-3/8	5-7/8	1/4	5.350±.037	.275±.006	1.0496	135,89±0,93	6,98±0,15	17.200
-433	5-1/2	6	1/4	5.475±.037	.275±.006	1.0729	139,07±0,93	6,98±0,15	17.582

All sizes are based on 70-durometer Nitrile compounds. Materials with unusual shrinkage during curing may have slightly different dimensions. Check with our office for critical applications.

### O-Ring sizes by AS568 dash numbers

Size Ref. AS568	Nominal Size Inches			Actual Size Inches		Vol. Cubic In.	Actual Size Millimeters		Vol. Cubic Cent.
	I.D.	O.D.	W	I.D.	W		I.D.	W	
-434	5-5/8	6-1/8	1/4	5.600±.037	.275±.006	1.0963	142,24±0,93	6,98±0,15	17.965
-435	5-3/4	6-1/4	1/4	5.725±.037	.275±.006	1.1196	145,42±0,93	6,98±0,15	18.347
-436	5-7/8	6-3/8	1/4	5.850±.037	.275±.006	1.1429	148,59±0,93	6,98±0,15	18.729
-437	6	6-1/2	1/4	5.975±.037	.275±.006	1.1662	151,77±0,93	6,98±0,15	19.111
-438	6-1/4	6-3/4	1/4	6.225±.040	.275±.006	1.2129	158,12±1,01	6,98±0,15	19.876
-439	6-1/2	7	1/4	6.475±.040	.275±.006	1.2595	164,47±1,01	6,98±0,15	20.640
-440	6-3/4	7-1/4	1/4	6.725±.040	.275±.006	1.3062	170,82±1,01	6,98±0,15	21.405
-441	7	7-1/2	1/4	6.975±.040	.275±.006	1.3528	177,17±1,01	6,98±0,15	22.168
-442	7-1/4	7-3/4	1/4	7.225±.045	.275±.006	1.3995	183,52±1,14	6,98±0,15	22.934
-443	7-1/2	8	1/4	7.475±.045	.275±.006	1.4461	189,87±1,14	6,98±0,15	23.697
-444	7-3/4	8-1/4	1/4	7.725±.045	.275±.006	1.4928	196,22±1,14	6,98±0,15	24.463
-445	8	8-1/2	1/4	7.975±.045	.275±.006	1.5394	202,57±1,14	6,98±0,15	25.226
-446	8-1/2	9	1/4	8.475±.055	.275±.006	1.6327	215,27±1,40	6,98±0,15	26.755
-447	9	9-1/2	1/4	8.975±.055	.275±.006	1.7260	227,97±1,40	6,98±0,15	28.284
-448	9-1/2	10	1/4	9.475±.055	.275±.006	1.8193	240,67±1,40	6,98±0,15	29.813
-449	10	10-1/2	1/4	9.975±.055	.275±.006	1.9126	253,37±1,40	6,98±0,15	31.342
-450	10-1/2	11	1/4	10.475±.060	.275±.006	2.0059	266,07±1,52	6,98±0,15	32.871
-451	11	11-1/2	1/4	10.975±.060	.275±.006	2.0992	278,77±1,52	6,98±0,15	34.400
-452	11-1/2	12	1/4	11.475±.060	.275±.006	2.1925	291,47±1,52	6,98±0,15	35.929
-453	12	12-1/2	1/4	11.975±.060	.275±.006	2.2858	304,17±1,52	6,98±0,15	37.458
-454	12-1/2	13	1/4	12.475±.060	.275±.006	2.3791	316,87±1,52	6,98±0,15	38.987
-455	13	13-1/2	1/4	12.975±.060	.275±.006	2.4724	329,57±1,52	6,98±0,15	40.515
-456	13-1/2	14	1/4	13.475±.070	.275±.006	2.5657	342,27±1,78	6,98±0,15	42.044
-457	14	14-1/2	1/4	13.975±.070	.275±.006	2.6590	354,97±1,78	6,98±0,15	43.573
-458	14-1/2	15	1/4	14.475±.070	.275±.006	2.7523	367,67±1,78	6,98±0,15	45.102
-459	15	15-1/2	1/4	14.975±.070	.275±.006	2.8456	380,37±1,78	6,98±0,15	46.631
-460	15-1/2	16	1/4	15.475±.070	.275±.006	2.9389	393,07±1,78	6,98±0,15	48.160
-461	16	16-1/2	1/4	15.955±.075	.275±.006	3.0285	405,26±1,90	6,98±0,15	49.628
-462	16-1/2	17	1/4	16.455±.075	.275±.006	3.1218	417,96±1,90	6,98±0,15	51.157
-463	17	17-1/2	1/4	16.955±.080	.275±.006	3.2151	430,66±2,05	6,98±0,15	52.686
-464	17-1/2	18	1/4	17.455±.085	.275±.006	3.3084	443,36±2,15	6,98±0,15	54.215
-465	18	18-1/2	1/4	17.955±.085	.275±.006	3.4017	456,06±2,15	6,98±0,15	55.744
-466	18-1/2	19	1/4	18.455±.085	.275±.006	3.4950	468,76±2,15	6,98±0,15	57.273
-467	19	19-1/2	1/4	18.955±.090	.275±.006	3.5883	481,46±2,25	6,98±0,15	58.802
-468	19-1/2	20	1/4	19.455±.090	.275±.006	3.6816	494,16±2,25	6,98±0,15	60.331
-469	20	20-1/2	1/4	19.955±.090	.275±.006	3.7749	506,86±2,45	6,98±0,15	61.860
-470	21	21-1/2	1/4	20.955±.090	.275±.006	3.9615	532,26±2,45	6,98±0,15	64.917
-471	22	22-1/2	1/4	21.955±.100	.275±.006	4.1481	557,66±2,55	6,98±0,15	67.975
-472	23	23-1/2	1/4	22.940±.105	.275±.006	4.3319	582,65±2,65	6,98±0,15	70.987
-473	24	24-1/2	1/4	23.940±.110	.275±.006	4.5184	608,10±2,80	6,98±0,15	74.043
-474	25	25-1/2	1/4	24.940±.115	.275±.006	4.7050	633,50±2,90	6,98±0,15	77.101
-475	26	26-1/2	1/4	25.940±.120	.275±.006	4.8916	658,85±3,05	6,98±0,15	80.159

All sizes are based on 70-durometer Nitrile compounds. Materials with unusual shrinkage during curing may have slightly different dimensions. Check with our office for critical applications.



**O-Ring sizes by AS568 dash numbers**

Size Ref. AS568	Tube Size Inches	Actual Size Inches		Vol. Cubic In.	Actual Size Millimeters		Vol. Cubic Cent.
	O.D.	I.D.	W		I.D.	W	
-901	3/32	.185±.005	.056±.003	.0019	4,70±0,13	1,42±0,08	.031
-902	1/8	.239±.005	.064±.003	.0031	6,07±0,13	1,63±0,08	.051
-903	3/16	.301±.005	.064±.003	.0037	7,65±0,13	1,63±0,08	.061
-904	1/4	.351±.005	.072±.003	.0054	8,92±0,13	1,83±0,08	.088
-905	5/16	.414±.005	.072±.003	.0062	10,52±0,13	1,83±0,08	.102
-906	3/8	.468±.005	.078±.003	.0082	11,89±0,13	1,98±0,08	.134
-907	7/16	.530±.005	.082±.003	.0102	13,46±0,18	2,08±0,08	.167
-908	1/2	.644±.009	.087±.003	.0137	16,36±0,23	2,21±0,08	.225
-909	9/16	.706±.009	.097±.003	.0186	17,94±0,23	2,46±0,08	.305
-910	5/8	.755±.009	.097±.003	.0198	19,18±0,23	2,46±0,08	.324
-911	11/16	.863±.009	.116±.004	.0325	21,92±0,23	2,95±0,10	.533
-912	3/4	.924±.009	.116±.004	.0345	23,47±0,23	2,95±0,10	.565
-913	13/16	.968±.010	.116±.004	.0366	25,04±0,25	2,95±0,10	.600
-914	7/8	1.047±.010	.116±.004	.0386	26,60±0,25	2,95±0,10	.633
-916	1	1.171±.010	.116±.004	.0427	29,75±0,25	2,95±0,10	.700
-918	1-1/8	1.355±.012	.116±.004	.0488	34,42±0,30	2,95±0,10	.800
-920	1-1/4	1.475±.014	.118±.004	.0547	37,46±0,35	3,00±0,10	.896
-924	1-1/2	1.720±.014	.118±.004	.0631	43,68±0,35	3,00±0,10	1.034
-928	1-3/4	2.090±.018	.118±.004	.0759	53,09±0,45	3,00±0,10	1.244
-932	2	2.337±.018	.118±.004	.0843	59,36±0,45	3,00±0,10	1.381

All sizes are based on 70-durometer Nitrile compounds. Materials with unusual shrinkage during curing may have slightly different dimensions. Check with our office for critical applications.

**O-Ring Cord**

Diameter	Buna-Nitrile	Fluorocarbon	Silicone
0.070	OCB-070		
0.103	OCB-103		
0.125	OCB-125		
0.139	OCB-139	OCV-139	OCS-139
0.188	OCB-188		
0.210	OCB-210	OCV-210	OCS-210
0.250	OCB-250		
0.275	OCB-275	OCV-275	OCS-275

Diameter	Buna-Nitrile	Fluorocarbon	Silicone
0.313	OCB-313		
0.375	OCB-375	OCV-375	OCS-375
0.437	OCB-437		
0.500	OCB-500		
0.625	OCB-625		
0.750	OCB-750		
1.000	OCB-1000		

EPDM, neoprene, and non-stock sizes of fluorocarbon and silicone available on request.  
 Buna-nitrile and silicone 70 durometer – fluorocarbon cord 75 durometer.

**O-Ring Splice Kits**

**Contents:**

- Razor blade
- Cutting & splicing jig
- Tube rapid set adhesive
- Cord stock = 0.103, 0.139, 0.210, 0.275
- 7 ft. diameter each

- Buna splice kit # BSK100
- Fluorocarbon splice kit # VSK101
- Silicone splice kit # SSK102

## O-Ring and Seal Kits

### OK 436 Industrial O-Rings

The industrial standard kit, no. 436 x 36 represents an outstanding value in O-Ring kits. Each kit contains a total of 436 O-Rings in 36 different sizes, which provides an extremely low cost per size value. Included AS568 sizes are: -005 through -018, -110 through -121, and -210 through -219. The 436 x 36 is packed in a compact 36 compartment box with a contents identification card that gives dimensions and silhouettes of each ring. Available in your choice of 70 durometer nitrile (Buna N), 90 durometer nitrile, or 75 durometer fluorocarbon.

### MOK 500 Metric O-Rings

The 500 x 36mm is an extremely useful metric O-Ring assortment containing 36 metric sizes commonly used in industrial and automotive applications. Each kit is packed in a compact 36 compartment styrene box, and includes a contents identification card showing actual dimensions in both inches and millimeters, as well as silhouettes of each ring. Sizes range in ID from 2.2mm to 20mm, and in 6 different cross sections up to 3mm. Available in either 70 durometer nitrile (Buna N) or 75 durometer fluorocarbon.

### OK 1110 O-Ring Warehouse

Our O-Ring warehouse kit is ideally suited for the factory maintenance department that needs a large on-hand selection of O-Rings to insure continuous operation of production equipment. No other O-Ring assortment offers this kind of coverage in one kit; 1,110 O-Rings in these 150 different sizes: -001 through -046, -110 through -151, -210 through -237, -325 through -338, and -901 through -932. Each size is individually packaged in heavy duty poly bags to protect against environmental exposure and contamination. All packages are then stored in a sturdy styrene cabinet with pull-out drawers for easy access to parts. Included card shows size, dimensions, and drawer location for each ring. The 1110 x 150 O-Ring warehouse is provided in a high quality 70 durometer nitrile (Buna N) material except sizes -901 through -932 which are 90 durometer nitrile.



### UNABLE TO FIND THE PART YOU REQUIRE?

Contact our customer service representative for information on the many additional custom standard parts we have available.