

Parker Series 3-XXX O-Ring Sizes

These O-rings are intended for use with internal straight thread fluid connection bosses and tube fittings. Ref. MS33656, MS33657, SAE straight thread O-ring boss and mating swivel and adjustment style fittings.

1	2	3	4				5	6			7	8	9	10		11
3-XXX (a) Size No.	AS568A Dash No.	Tube O.D. (Ref.)	O-Ring Size – Actual (b) per AS568A (Units are in Inches)				Basic Volume Cu. In.	Metric O-Ring Size per AS568A (b) (Units are in Millimeters)					3-XXX (a) Size No.			
			I.D.	Tolerance ±	W	±		I.D.	Tolerance ±	W	±					
3-901	-901	3/32	.185	.005	.056	.003	.0019	4,70	0,13	1,42	0,08	3-901				
3-902	-902	1/8	.239	.005	.064	.003	.0031	6,07	0,13	1,63	0,08	3-902				
3-903	-903	3/16	.301	.005	.064	.003	.0037	7,65	0,13	1,63	0,08	3-903				
3-904	-904	1/4	.351	.005	.072	.003	.0055	8,92	0,13	1,83	0,08	3-904				
3-905	-905	5/16	.414	.005	.072	.003	.0063	10,52	0,13	1,83	0,08	3-905				
3-906	-906	3/8	.468	.005	.078	.003	.0082	11,89	0,13	1,98	0,08	3-906				
3-907	-907	7/16	.530	.007	.082	.003	.0102	13,46	0,18	2,08	0,08	3-907				
3-908	-908	1/2	.644	.009	.087	.003	.0137	16,36	0,23	2,21	0,08	3-908				
3-909	-909	9/16	.706	.009	.097	.003	.0187	17,93	0,23	2,46	0,08	3-909				
3-910	-910	5/8	.755	.009	.097	.003	.0198	19,18	0,23	2,46	0,08	3-910				
3-911	-911	11/16	.863	.009	.116	.004	.0326	21,92	0,23	2,95	0,10	3-911				
3-912	-912	3/4	.924	.009	.116	.004	.0346	23,47	0,23	2,95	0,10	3-912				
3-913	-913	13/16	.986	.010	.116	.004	.0366	25,04	0,26	2,95	0,10	3-913				
3-914	-914	7/8	1.047	.010	.116	.004	.0387	26,59	0,26	2,95	0,10	3-914				
3-916	-916	1	1.171	.010	.116	.004	.0428	29,74	0,26	2,95	0,10	3-916				
3-918	-918	1-1/8	1.355	.012	.116	.004	.0489	34,42	0,30	2,95	0,10	3-918				
3-920	-920	1-1/4	1.475	.014	.118	.004	.0548	37,47	0,36	3,00	0,10	3-920				
3-924	-924	1-1/2	1.720	.014	.118	.004	.0632	43,69	0,36	3,00	0,10	3-924				
3-928	-928	1-3/4	2.090	.018	.118	.004	.0759	53,09	0,46	3,00	0,10	3-928				
3-932	-932	2	2.337	.018	.118	.004	.0844	59,36	0,46	3,00	0,10	3-932				

(a) The rubber compound must be added when ordering by the 3-size number (i.e., N552-90 3-910).

(b) This chart provides dimensions for standard (AN) shrinkage materials ONLY. These correspond to AS568A dimensions.

O-rings manufactured out of compounds with different shrinkage rates (other than AN) will produce slightly different dimensions and tolerances. For more information on shrinkage rates, see the Appendix.

.056 Area = .00246
 .064 Area = .00322
 .072 Area = .00407
 .078 Area = .00478
 .082 Area = .00528
 .087 Area = .00594
 .097 Area = .00739
 .116 Area = .01057
 .118 Area = .01094
 (sq. in.)

Table 9-2: Parker Series 3-XXX O-Rings Sizes