

Table 1
Standard Dimensional Tolerance Table – Molded Solid Rubber Products
Drawing Designation “A-1” High Precision

Size (millimeters)		Fixed	Closure	Size (inches)		Fixed	Closure
Above	Incl.			Above	Incl.		
0	- 10	+/- .10	+/- .13	0	- .40	+/- .004	+/- .005
10	- 16	0.13	0.16	.40	- .63	0.005	0.006
16	- 25	0.16	0.20	.63	- 1.00	0.006	0.008
25	- 40	0.20	0.25	1.00	- 1.60	0.008	0.010
40	- 63	0.25	0.32	1.60	- 2.50	0.010	0.013
63	- 100	0.32	0.40	2.50	- 4.00	0.013	0.016
100	- 160	0.40	0.50	4.00	- 6.30	0.016	0.020

Table 2
Standard Dimensional Tolerance Table – Molded Solid Rubber Products
Drawing Designation “A-2” Precision

Size (millimeters)		Fixed	Closure	Size (inches)		Fixed	Closure
Above	Incl.			Above	Incl.		
0	- 10	+/- .16	+/- .20	0	- .40	+/- .006	+/- .008
10	- 16	0.20	0.25	.40	- .63	0.008	0.010
16	- 25	0.25	0.32	.63	- 1.00	0.010	0.013
25	- 40	0.32	0.40	1.00	- 1.60	0.013	0.016
40	- 63	0.40	0.50	1.60	- 2.50	0.016	0.020
63	- 100	0.50	0.63	2.50	- 4.00	0.020	0.025
100	- 160	0.63	0.80	4.00	- 6.30	0.025	0.032
160	- & over			6.30	&over		
multiply by		0.004	0.005	multiply by		0.004	0.005

Table 3
Standard Dimensional Tolerance Table – Molded Solid Rubber Products
Drawing Designation “A3” Commercial

Size (millimeters)		Fixed	Closure	Size (inches)		Fixed	Closure
Above	Incl.			Above	Incl.		
0	- 10	+/- .20	+/- .32	0	- .40	+/- .008	+/- .013
10	- 16	0.25	0.40	.40	- .63	0.010	0.016
16	- 25	0.32	0.50	.63	- 1.00	0.013	0.020
25	- 40	0.40	0.63	1.00	- 1.60	0.016	0.025
40	- 63	0.50	0.80	1.60	- 2.50	0.020	0.032
63	- 100	0.63	1.00	2.50	- 4.00	0.025	0.040
100	- 160	0.80	1.25	4.00	- 6.30	0.032	0.050
160	- & over			6.30	&over		
multiply by		0.005	0.008	multiply by		0.005	0.008

Table 4
Standard Dimensional Tolerance Table – Molded Solid Rubber Products
Drawing Designation “A4” Non-Critical

Size (millimeters)		Fixed	Closure	Size (inches)		Fixed	Closure
Above	Incl.			Above	Incl.		
0	- 10	+/- .32	+/- .80	0	- .40	+/- .013	+/- .032
10	- 16	0.40	0.90	.40	- .63	0.016	0.036
16	- 25	0.50	1.00	.63	- 1.00	0.020	0.040
25	- 40	0.63	1.12	1.00	- 1.60	0.025	0.045
40	- 63	0.80	1.25	1.60	- 2.50	0.032	0.050
63	- 100	1.00	1.40	2.50	- 4.00	0.040	0.056
100	- 160	1.25	1.60	4.00	- 6.30	0.050	0.063
160	- & over			6.30	&over		
multiply by		0.008	0.010	multiply by		0.008	0.010

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INDUSTRIAL PRODUCTS, INC.

CUSTOM GASKETS | O-RINGS | MOLDED RUBBER PARTS