

Indiana Rubber & Plastics Company, Inc.
Notes:

1. Drawing tolerances apply unless we are specifically quoting to an RMA tolerance.
2. Tighter tolerances entail fewer cavities, tighter process control, tighter inspection procedures, more frequent mold maintenance and repair, and usually higher cost.
3. Tolerances from more than one table can be used.
4. With flexible products, it may not be possible to measure dimensions accurately, particularly larger dimensions.
5. Tables below are appropriate for inclusion in drawings and written specifications.

Table 1. Designation "A-1" High Precision.

| Size above | Including | Fixed | Closure |
|------------|-----------|-------|---------|
| 0 | 0 | ±.004 | ±.005 |
| 0.40 | 0.40 | ±.005 | ±.006 |
| 0.63 | 0.63 | ±.006 | ±.008 |
| 1.00 | 1.00 | ±.008 | ±.010 |
| 1.60 | 1.60 | ±.010 | ±.013 |
| 2.50 | 2.50 | ±.013 | ±.016 |
| 4.00 | 4.00 | ±.016 | ±.020 |

The A-1 High Precision designation is not available for dimensions above 6.30 inches.

Table 2. Designation "A-2" Precision.

| Size above | Including | Fixed | Closure |
|-------------------------------|-----------|-------|---------|
| 0 | 0 | ±.006 | ±.008 |
| 0.40 | 0.40 | ±.008 | ±.010 |
| 0.63 | 0.63 | ±.010 | ±.013 |
| 1.00 | 1.00 | ±.013 | ±.016 |
| 1.60 | 1.60 | ±.016 | ±.020 |
| 2.50 | 2.50 | ±.020 | ±.025 |
| 4.00 | 4.00 | ±.025 | ±.032 |
| 6.30 & over: Multiply by 0.4% | | | |

Table 3. Designation "A-3" Commercial.

| Size above | Including | Fixed | Closure |
|-------------------------------|-----------|-------|---------|
| 0 | 0 | ±.008 | ±.013 |
| 0.40 | 0.40 | ±.010 | ±.016 |
| 0.63 | 0.63 | ±.013 | ±.020 |
| 1.00 | 1.00 | ±.016 | ±.025 |
| 1.60 | 1.60 | ±.020 | ±.032 |
| 2.50 | 2.50 | ±.025 | ±.040 |
| 4.00 | 4.00 | ±.032 | ±.050 |
| 6.30 & over: Multiply by 0.5% | | | |

The "A-3" Commercial designation is the most commonly used designation.

Table 4. Designation "A-4" Non-Critical.

| Size above | Including | Fixed | Closure |
|-------------------------------|-----------|-------|---------|
| 0 | 0 | ±.013 | ±.032 |
| 0.40 | 0.40 | ±.016 | ±.036 |
| 0.63 | 0.63 | ±.020 | ±.040 |
| 1.00 | 1.00 | ±.025 | ±.045 |
| 1.60 | 1.60 | ±.032 | ±.050 |
| 2.50 | 2.50 | ±.040 | ±.056 |
| 4.00 | 4.00 | ±.050 | ±.063 |
| 6.30 & over: Multiply by 0.8% | | | |