

**RMA Table 13** Dense Cross-Section Organic/Silicone Class 2 Precision  
STANDARDS FOR CROSS-SECTIONAL TOLERANCE TABLE

| RMA Class                   | 1<br>High Precision | 2<br>Precision | 3<br>Commercial |
|-----------------------------|---------------------|----------------|-----------------|
| Drawing Designation         | E1                  | E2             | E3              |
| Dimensions (in Millimeters) |                     |                |                 |
| Above - Up to               |                     |                |                 |
| 0 - 1.5                     | ±0.15               | ±0.25          | ±0.40           |
| 1.5 - 2.5                   | 0.20                | 0.35           | 0.50            |
| 2.5 - 4.0                   | 0.25                | 0.40           | 0.70            |
| 4.0 - 6.3                   | 0.35                | 0.50           | 0.80            |
| 6.3 - 10                    | 0.40                | 0.70           | 1.00            |
| 10 - 16                     | 0.50                | 0.80           | 1.30            |
| 16 - 25                     | 0.70                | 1.00           | 1.60            |
| 25 - 40                     | 0.80                | 1.30           | 2.00            |
| 40 - 63                     | 1.00                | 1.60           | 2.50            |
| 63 - 100                    | 1.30                | 2.00           | 3.20            |
| RMA Class                   | 1<br>High Precision | 2<br>Precision | 3<br>Commercial |
| Drawing Designation         | E1                  | E2             | E3              |
| Dimensions (in Inches)      |                     |                |                 |
| Above - Up to               |                     |                |                 |
| 0 - 0.06                    | ±0.006              | ±0.010         | ±0.015          |
| 0.06 - 0.10                 | 0.008               | 0.014          | 0.020           |
| 0.10 - 0.16                 | 0.010               | 0.016          | 0.027           |
| 0.16 - 0.25                 | 0.014               | 0.020          | 0.031           |
| 0.25 - 0.39                 | 0.016               | 0.027          | 0.039           |
| 0.39 - 0.63                 | 0.020               | 0.031          | 0.051           |
| 0.63 - 0.98                 | 0.027               | 0.039          | 0.063           |
| 0.98 - 1.57                 | 0.031               | 0.051          | 0.079           |
| 1.57 - 2.48                 | 0.039               | 0.063          | 0.098           |
| 2.48 - 3.94                 | 0.051               | 0.079          | 0.126           |

**Note:** Tolerances on dimensions above 100mm (3.94) should be agreed upon by supplier and user. General cross-sectional dimensions below 1mm (0.04) are impractical. In general, softer materials and those requiring a post cure need greater tolerances.