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**TECHSPEC® Broadband Dielectric ZERODUR®  $\lambda/10$  Mirrors**


- ZERODUR® Substrates Provide Near Zero Thermal Expansion
- Enhanced Reflectivity and LDT over Metallic Coatings
- UV, Visible, and NIR Reflective Coatings Designed for 0-45° AOI
- [Metallic Coated ZERODUR®](#) Mirrors Also Available

## Common Specifications

### Physical & Mechanical Properties

|                              |                   |               |                      |
|------------------------------|-------------------|---------------|----------------------|
| <b>Back Surface:</b>         | Commercial Polish | <b>Bevel:</b> | Protective as needed |
| <b>Clear Aperture (%):</b>   | 90                | <b>Edges:</b> | Ground               |
| <b>Parallelism (arcsec):</b> | 30                |               |                      |

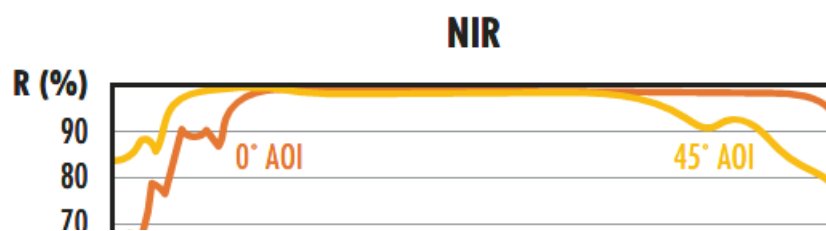
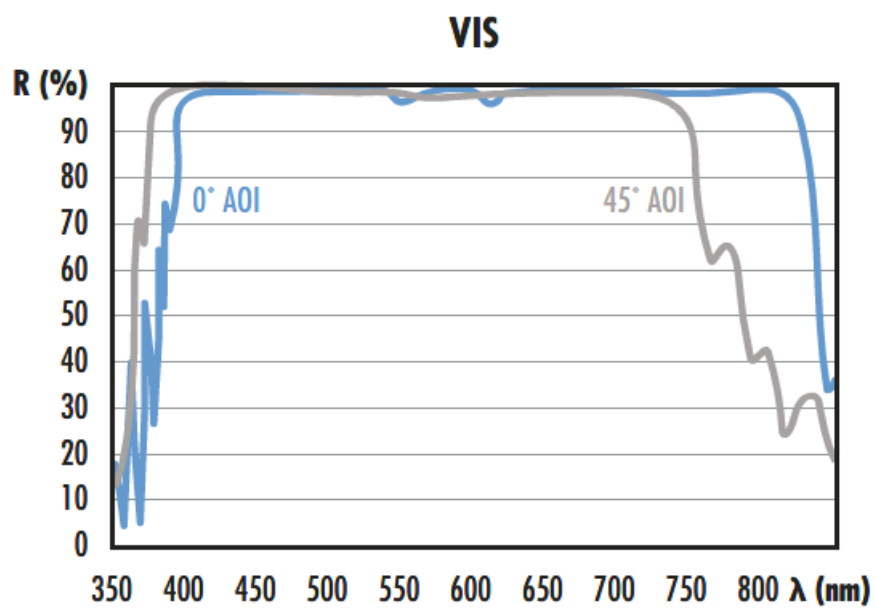
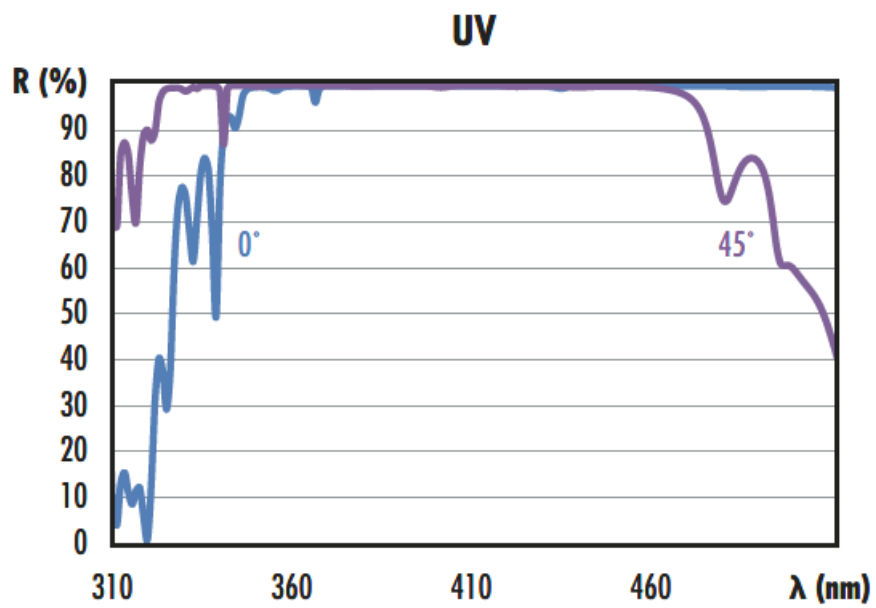
### Optical Properties

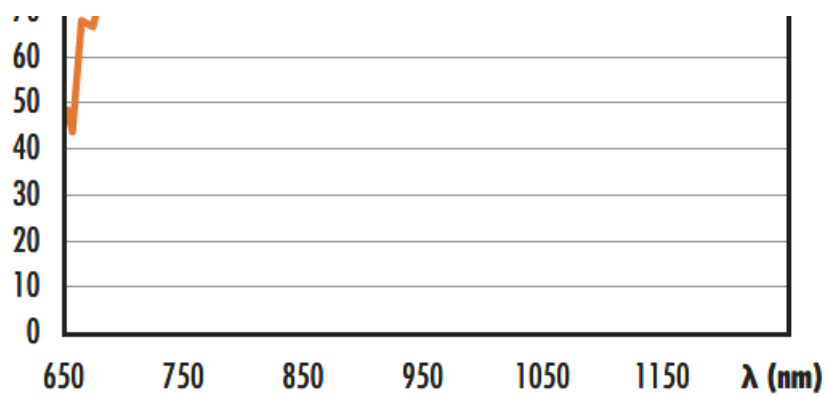
|                                |                          |                                |       |
|--------------------------------|--------------------------|--------------------------------|-------|
| <b>Surface Flatness (P-V):</b> | $\lambda/10$             |                                |       |
| <b>Substrate:</b>              | <a href="#">ZERODUR®</a> | <b>Surface Quality:</b>        | 20-10 |
| <b>Coating Type:</b>           | Dielectric               | <b>Angle of Incidence (°):</b> | 0-45  |

### Material Properties

|                                                                                      |     |
|--------------------------------------------------------------------------------------|-----|
| <b>Coefficient of Thermal Expansion CTE (<math>10^{-6}/^{\circ}\text{C}</math>):</b> | 0.1 |
|--------------------------------------------------------------------------------------|-----|

## Technical Information





## Products

| Wavelength Range (nm) | Dia. (mm) | Thickness (mm) | Stock Number            | Price                                       | Buy          |
|-----------------------|-----------|----------------|-------------------------|---------------------------------------------|--------------|
| 320 - 450             | 10.00     | 2.00           | <a href="#">#24-009</a> | S\$218.05<br><a href="#">Volume Pricing</a> | 2 In Stock   |
| 320 - 450             | 15.00     | 3.00           | <a href="#">#24-011</a> | S\$232.99<br><a href="#">Volume Pricing</a> | 12 In Stock  |
| 320 - 450             | 20.00     | 3.00           | <a href="#">#24-013</a> | S\$256.88<br><a href="#">Volume Pricing</a> | 9 In Stock   |
| 320 - 450             | 25.00     | 4.00           | <a href="#">#24-015</a> | S\$271.82<br><a href="#">Volume Pricing</a> | 1 In Stock   |
| 320 - 450             | 40.00     | 5.00           | <a href="#">#24-017</a> | S\$442.08<br><a href="#">Volume Pricing</a> | 7 In Stock   |
| 320 - 450             | 50.00     | 5.00           | <a href="#">#24-019</a> | S\$543.63<br><a href="#">Volume Pricing</a> | 1 In Stock   |
| 400 - 750             | 10.00     | 2.00           | <a href="#">#24-021</a> | S\$179.22<br><a href="#">Volume Pricing</a> | 9 In Stock   |
| 400 - 750             | 15.00     | 3.00           | <a href="#">#24-023</a> | S\$194.16<br><a href="#">Volume Pricing</a> | Contact Us   |
| 400 - 750             | 20.00     | 3.00           | <a href="#">#24-025</a> | S\$218.05<br><a href="#">Volume Pricing</a> | Contact Us   |
| 400 - 750             | 25.00     | 4.00           | <a href="#">#24-027</a> | S\$232.99<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 400 - 750             | 40.00     | 5.00           | <a href="#">#24-029</a> | S\$388.31<br><a href="#">Volume Pricing</a> | 3 In Stock   |
| 400 - 750             | 50.00     | 5.00           | <a href="#">#24-031</a> | S\$504.80<br><a href="#">Volume Pricing</a> | 7 In Stock   |
| 750 - 1100            | 10.00     | 2.00           | <a href="#">#24-033</a> | S\$179.22<br><a href="#">Volume Pricing</a> | 13 In Stock  |
| 750 - 1100            | 15.00     | 3.00           | <a href="#">#24-035</a> | S\$194.16<br><a href="#">Volume Pricing</a> | 3 In Stock   |
| 750 - 1100            | 20.00     | 3.00           | <a href="#">#24-037</a> | S\$218.05<br><a href="#">Volume Pricing</a> | 8 In Stock   |
| 750 - 1100            | 25.00     | 4.00           | <a href="#">#24-039</a> | S\$232.99<br><a href="#">Volume Pricing</a> | 5 In Stock   |
| 750 - 1100            | 40.00     | 5.00           | <a href="#">#24-041</a> | S\$388.31<br><a href="#">Volume Pricing</a> | 2 In Stock   |
| 750 - 1100            | 50.00     | 5.00           | <a href="#">#24-043</a> | S\$504.80<br><a href="#">Volume Pricing</a> | 5 In Stock   |



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