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**TECHSPEC® 75mm Dia. N/10 ZERODUR® Uncoated Mirror Substrate**



Stock #71-522 **4 In Stock**

⊖ 1 ⊕ C\$553<sup>00</sup>

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | C\$553.00 each                |
| Qty 6-25       | C\$442.40 each                |
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Product Downloads

**General**

Mirror Substrate **Type:**

**Physical & Mechanical Properties**

75.00 +0.00/-0.20 **Diameter (mm):**

7.50 ±0.20 **Thickness (mm):**

Commercial Polish **Back Surface:**

|                              |  |
|------------------------------|--|
| Protective as needed         | <b>Bevel:</b>  |
| 90                           | <b>Clear Aperture (%):</b>   |
| Ground                       | <b>Edges:</b>  |
| 30                           | <b>Parallelism (arcsec):</b>   |
| <b>Optical Properties</b>    |  |
| Uncoated                     | <b>Coating:</b>  |
| $\lambda/10$                 | <b>Surface Flatness (P-V):</b>   |
| ZERODUR®                     | <b>Substrate:</b> <input type="checkbox"/>   |
| 20-10                        | <b>Surface Quality:</b>  |
| <b>Material Properties</b>   |  |
| 0.1                          | <b>Coefficient of Thermal Expansion CTE (<math>10^{-6}/^{\circ}\text{C}</math>):</b> |
| <b>Regulatory Compliance</b> |  |
| <a href="#">View</a>         | <b>Certificate of Conformance:</b>   |

## Product Details

- Precision ZERODUR® Substrates
- $\lambda/10$  Flatness
- Low Coefficient of Thermal Expansion

TECHSPEC® ZERODUR Mirror Substrates are well suited for applications where temperature fluctuation is a concern. The ZERODUR® substrates have a coefficient of thermal expansion (CTE) of  $\pm 0.10 \times 10^{-6}/^{\circ}\text{C}$ , which is an order of magnitude lower than most glass types. The low CTE allows these mirrors to have a consistent reflected wavefront, even when exposed to environments with varying temperature or illumination sources with changing intensity. TECHSPEC® ZERODUR Mirror Substrates feature precision polished substrates with  $\lambda/10$  flatness and 20-10 surface quality.