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TECHSPEC® 25 x 25mm $\lambda/10$ ZERODUR® Uncoated Mirror Substrate



Stock #71-514 **1 In Stock**

⊖ 1 ⊕ C\$138^{.00}

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Volume Pricing	
Qty 1-5	C\$138.60 each
Qty 6-25	C\$110.88 each
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General

Mirror Substrate **Type:**

Physical & Mechanical Properties

4.00 ±0.20 **Thickness (mm):**

25.0 x 25.0 +0.00/-0.20 **Dimensions (mm):**

Commercial Polish **Back Surface:**

Protective as needed	Bevel:
90	Clear Aperture (%):
Ground	Edges:
25.00	Length (mm):
25.00	Width (mm):
30	Parallelism (arcsec):

Optical Properties

Uncoated	Coating:
λ/10	Surface Flatness (P-V):
ZERODUR®	Substrate: <input type="checkbox"/>
20-10	Surface Quality:

Material Properties

0.1	Coefficient of Thermal Expansion CTE (10⁻⁶/°C):
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Regulatory Compliance

View	Certificate of Conformance:
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Product Details

- Precision ZERODUR® Substrates
- λ/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 ±0.10 x 10⁻⁶/°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 λ/10 flatness and 20-10 surface quality.