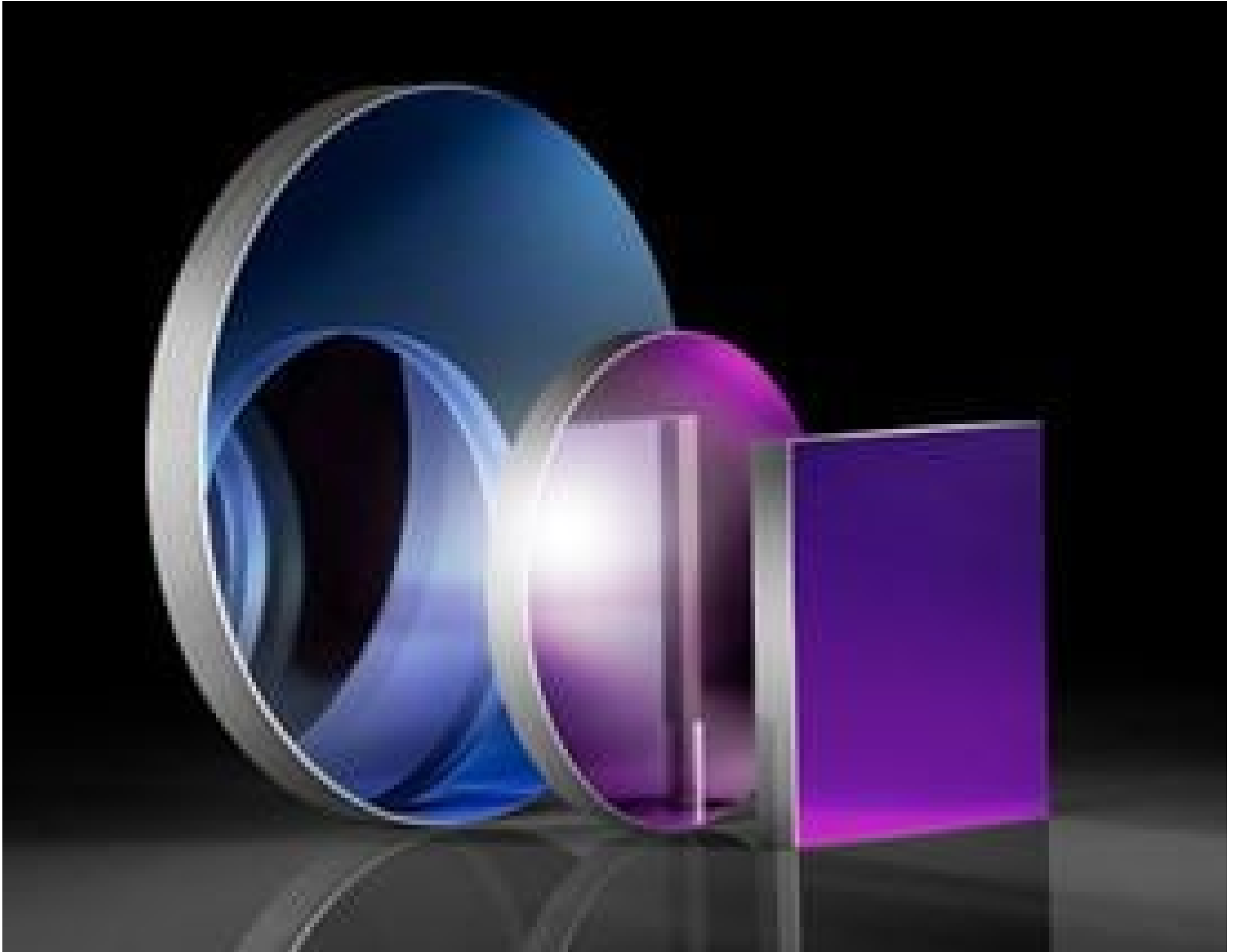


TECHSPEC® 12.5 x 12.5mm $\lambda/10$ ZERODUR® Uncoated Mirror Substrate



Stock #71-508 **1 In Stock**

⊖ 1 ⊕ MRP ₹8,122

● Price inclusive of all taxes

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Volume Pricing	
Qty 1-5	₹8,122 each
Qty 6-25	₹6,497 each
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General

Mirror Substrate **Type:**

Physical & Mechanical Properties

3.00 ±0.20 **Thickness (mm):**

12.5 x 12.5 +0.00/-0.20 **Dimensions (mm):**

Back Surface:

Commercial Polish

Protective as needed

Bevel:

90

Clear Aperture (%):

Ground

Edges:

12.50

Length (mm):

12.50

Width (mm):

30

Parallelism (arcsec):

Optical Properties

Uncoated

Coating:

$\lambda/10$

Surface Flatness (P-V):

ZERODUR®

Substrate:

20-10

Surface Quality:

Material Properties

Coefficient of Thermal Expansion CTE ($10^{-6}/^{\circ}\text{C}$):
0.1

Regulatory Compliance

[View](#)

Certificate of Conformance:

Vietnam

Country of Origin:

Imported By:
Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
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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.