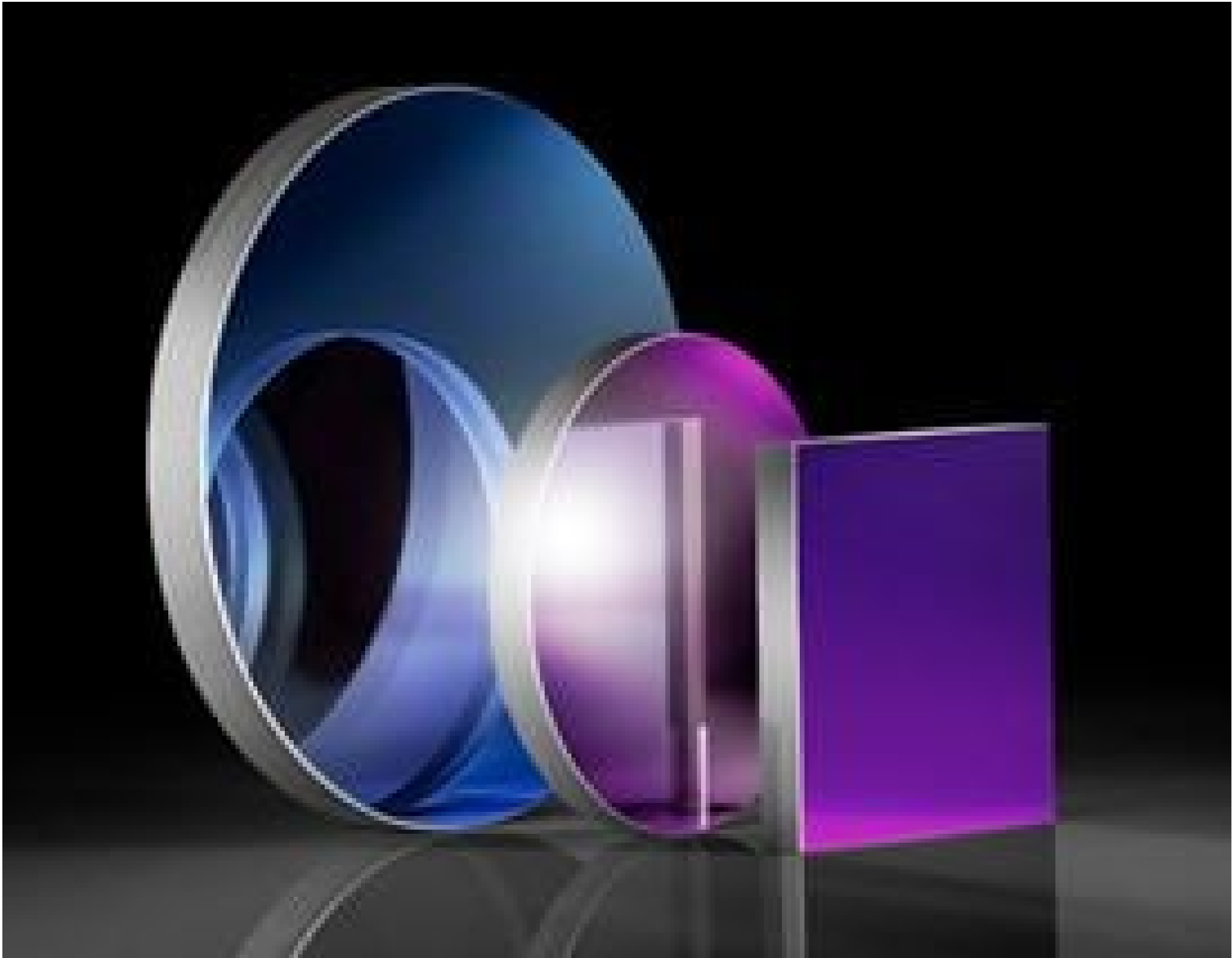


TECHSPEC®

40 x 40mm  $\lambda$ /10 ZERODUR® Uncoated Mirror Substrate



Stock **#71-519** 1 In Stock

-

1

+

₹9,342

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| Qty 1+         | ₹9,342 each                   |
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SPECIFICATIONS

General

Mirror Substrate

Type:

Physical & Mechanical Properties

5.00 ±0.20

Thickness (mm):

|                        |                             |
|------------------------|-----------------------------|
| 40.0 x40.0 +0.00/-0.20 | Dimensions (mm):            |
| Commercial Polish      | Back Surface:               |
| Protective as needed   | Bevel:                      |
| 90                     | Clear Aperture (%):         |
| Ground                 | Edges:                      |
| 40.00                  | Length (mm):                |
| 40.00                  | Width (mm):                 |
| 30                     | Parallelism (arcsec):       |
| Optical Properties     |                             |
| Uncoated               | Coating:                    |
| $\lambda/10$           | Surface Flatness (P-V):     |
| ZERODUR®               | Substrate: <div></div>      |
| 20-10                  | Surface Quality:            |
| Regulatory Compliance  |                             |
| <a href="#">View</a>   | Certificate of Conformance: |

## 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.