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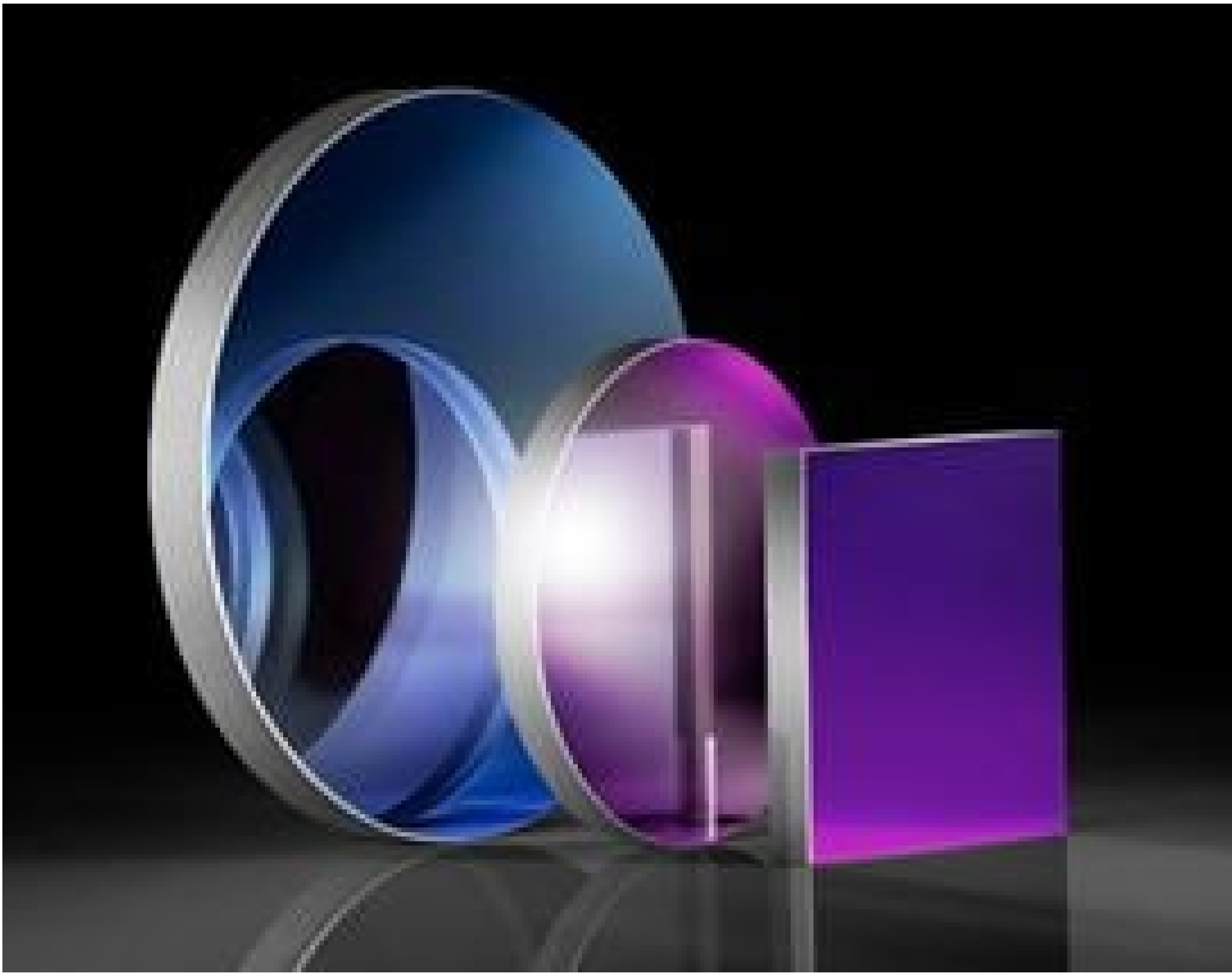
TECHSPEC® 100mm Dia. λ/10 ZERODUR® Uncoated Mirror Substrate



Stock **#71-524** **1 In Stock**

- 1 + **S$648.20**

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Volume Pricing	
Qty 1-5	**S$648.20** each
Qty 6-25	**S$518.56** each
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General

Type:

Mirror Substrate

Physical & Mechanical Properties

Diameter (mm):

100.00 +0.00/-0.20

Thickness (mm):

10.00 ±0.20

Back Surface:

Commercial Polish

Bevel:
Protective as needed

Clear Aperture (%):
90

Edges:
Ground

Parallelism (arcsec):
30

Optical Properties

Coating:
Uncoated

Surface Flatness (P-V):
λ/10

Substrate:
ZERODUR®

Surface Quality:
20-10

Material Properties

Coefficient of Thermal Expansion CTE (10^{-6}/°C):
0.1

Regulatory Compliance

Certificate of Conformance:
View

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.

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