

TECHSPEC® 10 x 10mm λ /10 ZERODUR® Uncoated Mirror Substrate



Stock #71-506 1 In Stock

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A\$124^{.80}

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Volume Pricing	
Qty 1-5	A\$124.80 each
Qty 6-25	A\$99.84 each
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General

Type:

Mirror Substrate

Physical & Mechanical Properties

Thickness (mm):

2.00 ±0.20

Dimensions (mm):

10.0 x 10.0 +0.00/-0.20

Back Surface:

Commercial Polish

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

Optical Properties	
Uncoated	Coating:
λ/10	Surface Flatness (P-V):
ZERODUR®	Substrate: ☐
20-10	Surface Quality:

Material Properties	
0.1	Coefficient of Thermal Expansion CTE (10 ⁻⁶ /°C):

Regulatory Compliance	
View	Certificate of Conformance:

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.