

TECHSPEC® 25mm Dia. *N*/10 ZERODUR® Uncoated Mirror Substrate



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1

+

₹6,929

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General

Mirror Substrate

Type:

Physical & Mechanical Properties

25.00 +0.00/-0.20

Diameter (mm):

4.00 ±0.20

Thickness (mm):

Commercial Polish

Back Surface:

Bevel:

Protective as needed	
90	Clear Aperture (%):
	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	
Country of Origin:	
Vietnam	
Imported By:	
Edmund Optics India Private Limited	

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.