

TECHSPEC®

75 x 75mm λ /10 ZERODUR® Uncoated Mirror Substrate



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1

+

₹27,637

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General

Type:

Mirror Substrate

Physical & Mechanical Properties

Thickness (mm):

7.50 ±0.20

Dimensions (mm):

75.0 x 75.0 +0.00/-0.20

Back Surface:

Commercial Polish

Bevel:

Protective as needed	
90	Clear Aperture (%):
Ground	Edges:
75.00	
75.00	Length (mm):
75.00	Width (mm):
30	
Parallelism (arcsec):	

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

Regulatory Compliance	
View	Certificate of Conformance:
Vietnam	
	Country of Origin:
Edmund Optics India Private Limited	
	Imported By:

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.