

TECHSPEC®

100 x 100mm Protected Silver, 4-6λ Mirror



Stock

#22-444

5 In Stock

-

1

+

₹14,869

ADD TO CART

Volume Pricing	
Qty 1-5	₹14,869 each
Qty 6-25	₹13,157 each
Qty 26-99	₹12,437 each
Need More?	Request Quote

Product Downloads

General

Flat Mirror

Type:

Physical & Mechanical Properties

3.00 (nominal)

Thickness (mm):

100.0 x 100.0

Dimensions (mm):

90.00 x 90.00	Clear Aperture CA (mm):
±0.25	Dimensional Tolerance (mm):
Edges:	
Seamed, 0.5mm Maximum Edge Chip	
100.00	Length (mm):
Width (mm):	
75.00	

Optical Properties	
Metal	Coating Type:
Protected Silver (450-10000nm)	Coating:
4 - 6λ	Surface Flatness (P-V):
450 - 10000	Wavelength Range (nm):
Float Glass	Substrate: □
R _{avg} >98% @ 450 - 800nm R _{avg} >98.5% @ 2000 - 10,000nm	Coating Specification:
60-40	Surface Quality:
0.5 J/cm ² @ 532nm & 1064nm, 10ns	Damage Threshold, By Design: □

Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 247:
United States	Country of Origin:
Edmund Optics India Private Limited	Imported By:

Product Details

- Wide Variety of Shapes and Sizes Available
 - Enhanced Aluminum, Protected Gold, and Protected Silver Coatings for high reflectivity from 450-10000nm
 - [Contact Us](#) for Custom Sizes
- TECHSPEC® First Surface Mirrors feature a high reflectivity coating deposited on the front surface of the glass substrate. The mirrors are available in enhanced aluminum, protected gold, and protected silver coatings for high reflectivity from 450-10000nm. The coated surface should be oriented to reflect incident light. TECHSPEC First Surface Mirrors are offered in circular, square, and rectangular dimensions. First surface mirrors are ideal for applications requiring the mirror to be mounted at 45° in order to produce a 90° bend in the light path. These first surface mirrors easily mount into a [range of optical mounts](#) to facilitate application integration.
- Note: A range of mounts specifically compatible with individual TECHSPEC® First Surface Mirrors can be found on product web pages.

Technical Information



Coating Curves