

TECHSPEC® 50.8 x 50.8mm Protected Gold, 4-6λ Mirror



Stock #83-500 **2 In Stock**

- 1 + C\$131.⁰⁰

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Volume Pricing	
Qty 1-5	C\$131.60 each
Qty 6-25	C\$98.00 each
Qty 26-99	C\$91.00 each
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General

Flat Mirror **Type:**

Physical & Mechanical Properties

3.00 **Thickness (mm):**

50.8 x 50.8 **Dimensions (mm):**

48.26 x 48.26 **Clear Aperture CA (mm):**

±0.25 **Dimensional Tolerance (mm):**

Seamed, 0.5mm Maximum Edge Chip **Edges:**

50.80 **Length (mm):**

50.80 **Width (mm):**

Optical Properties

Metal **Coating Type:**

Protected Gold (700-10000nm) **Coating:**

4 - 6λ **Surface Flatness (P-V):**

700 - 10000 **Wavelength Range (nm):**

Float Glass **Substrate:**

R_{avg} >96% @ 700 - 2000nm
R_{avg} >96% @ 2000 - 10,000nm **Coating Specification:**

60-40 **Surface Quality:**

0.8 J/cm² @ 1064nm, 10ns **Damage Threshold, By Design:**

Regulatory Compliance

[Compliant](#) **RoHS 2015:**

[View](#) **Certificate of Conformance:**

[Compliant](#) **Reach 247:**

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



Compatible Mounts