

TECHSPEC<sup>®</sup> 25 x 25mm Protected Silver,  $\lambda/4$  Mirror



Stock **#49-195** [CONTACT US](#)

-

1

+

£71<sup>.60</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | £71.60 each                   |
| Qty 6-25       | £57.20 each                   |
| Qty 26-49      | £54.00 each                   |
| Need More?     | <a href="#">Request Quote</a> |

!

 Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Type:

Flat Mirror

Physical & Mechanical Properties

Back Surface:

Commercial Polish

Dimensions (mm):

25.0 x 25.0

|                      |                             |
|----------------------|-----------------------------|
| ±0.25                | Dimensional Tolerance (mm): |
| Protective as needed | Bevel:                      |
| 85                   | Clear Aperture (%):         |
| Fine Ground          | Edges:                      |
| 6.00 ±0.25           | Thickness (mm):             |
| 25.00                | Length (mm):                |
| 25.00                | Width (mm):                 |

|                                                         |                                                                                                                  |
|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Optical Properties                                      |                                                                                                                  |
| λ/4                                                     | Surface Flatness (P-V):                                                                                          |
| <a href="#">BOROFLOAT®</a>                              | Substrate:                      |
| 60-40                                                   | Surface Quality:                                                                                                 |
| Ravg >98% @450 - 800nm<br>Ravg >98.5% @ 2000 - 10,000nm | Coating Specification:                                                                                           |
| Protected Silver (450-10000nm)                          | Coating:                                                                                                         |
| Metal                                                   | Coating Type:                                                                                                    |
| 0.45 - 10                                               | Wavelength Range (µm):                                                                                           |
| 450 - 10000                                             | Wavelength Range (nm):                                                                                           |
| 0.5 J/cm² @ 532nm & 1064nm, 10ns                        | Damage Threshold, Reference:  |

|                           |                             |
|---------------------------|-----------------------------|
| Regulatory Compliance     |                             |
| <a href="#">Compliant</a> | RoHS 2015:                  |
| <a href="#">View</a>      | Certificate of Conformance: |
| <a href="#">Compliant</a> | Reach 247:                  |

## Product Details

- Available in a Wide Range of Sizes and Shapes
  - Precision Metallic Mirror Coatings
  - [Contact Us](#) for Custom Sizes
- TECHSPEC® λ/4 First Surface Mirrors feature a high reflectivity coating deposited on the front surface of the glass substrate. The coated surface should be oriented to reflect incident light. TECHSPEC λ/4 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. The mirrors have available coatings of enhanced aluminum, protected aluminum, protected silver, and protected gold.
- Note:** Surface flatness is measured before coating.
- A range of mounts specifically compatible with individual TECHSPEC® First Surface Mirrors can be found on product web pages.

## Coating Curves

## Custom

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

## Compatible Mounts

