

TECHSPEC<sup>®</sup> 20 x 20mm Enhanced Aluminum,  $\lambda$ /4 Mirror



Stock **#45-728** 20+ In Stock

-

1

+

€70<sup>.50</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | €70,50 each                   |
| Qty 6-25       | €56,00 each                   |
| Qty 26-49      | €53,00 each                   |
| Need More?     | <a href="#">Request Quote</a> |

!

 Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Flat Mirror

Type:

Physical & Mechanical Properties

Commercial Polish

Back Surface:

20.0 x 20.0

Dimensions (mm):

|                      |                             |
|----------------------|-----------------------------|
| ±0.25                | Dimensional Tolerance (mm): |
| Protective as needed | Bevel:                      |
| 85                   | Clear Aperture (%):         |
| Fine Ground          | Edges:                      |
| 2.00 ±0.25           | Thickness (mm):             |
| 20.00                | Length (mm):                |
| 20.00                | Width (mm):                 |

Optical Properties

|                                    |                                |
|------------------------------------|--------------------------------|
| λ/4                                | Surface Flatness (P-V):        |
| BOROFLOAT®                         | Substrate: □                   |
| 60-40                              | Surface Quality:               |
| R <sub>avg</sub> >95% @450 - 650nm | Coating Specification:         |
| Enhanced Aluminum (450-650nm)      | Coating:                       |
| Metal                              | Coating Type:                  |
| 0.45 - 0.65                        | Wavelength Range (μm):         |
| 450 - 650                          | Wavelength Range (nm):         |
| 0.2 J/cm <sup>2</sup> @532nm, 10ns | Damage Threshold, Reference: □ |

Regulatory Compliance

|           |                             |
|-----------|-----------------------------|
| Compliant | RoHS 2015:                  |
| View      | Certificate of Conformance: |
| Compliant | 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.

Arrange 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

