

TECHSPEC® 10mm Diameter Enhanced Aluminum, λ/4 Mirror



Stock #45-598 In Stock

⊖ 1 ⊕ €52.⁰⁰

ADD TO CART

Qty 1-5

€52,50

Qty 6+

€42,00

Volume Pricing

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! Prices shown are exclusive of VAT/local taxes

Product Downloads



SPECIFICATIONS

General

Type:
Flat Mirror

Physical & Mechanical Properties

Diameter (mm):
10.00

Back Surface:
Commercial Polish

Dimensional Tolerance (mm):
±0.25

Bevel:
Protective bevel as needed

Clear Aperture (%):
85

Edges:
Fine Ground

Thickness (mm):
2.00 ±0.25

Optical Properties

Surface Flatness (P-V):
λ/4

Substrate:
[BOROFLOAT®](#)

Surface Quality:
60-40

Coating Specification:
R_{avg} >95% @ 450 - 650nm

Coating:
Enhanced Aluminum (450-650nm)

Coating Type:
Metal

Wavelength Range (μm):
0.45 - 0.65

Wavelength Range (nm):
450 - 650

Damage Threshold, Reference:
0.2 J/cm² @ 532nm, 10ns

Regulatory Compliance

RoHS 2015:
[Compliant](#)

Certificate of Conformance:
[View](#)

REACH 241:
[Compliant](#)

PRODUCT DETAILS

- Available in a Wide Range of Sizes and Shapes
- Precision Metallic Mirror Coatings
- [Contact Us](#) for Custom Sizes

TECHSPEC® N/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 N/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: A range of mounts specifically compatible with individual TECHSPEC® First Surface Mirrors can be found on product web pages.

COATING CURVES

COMPATIBLE MOUNTS