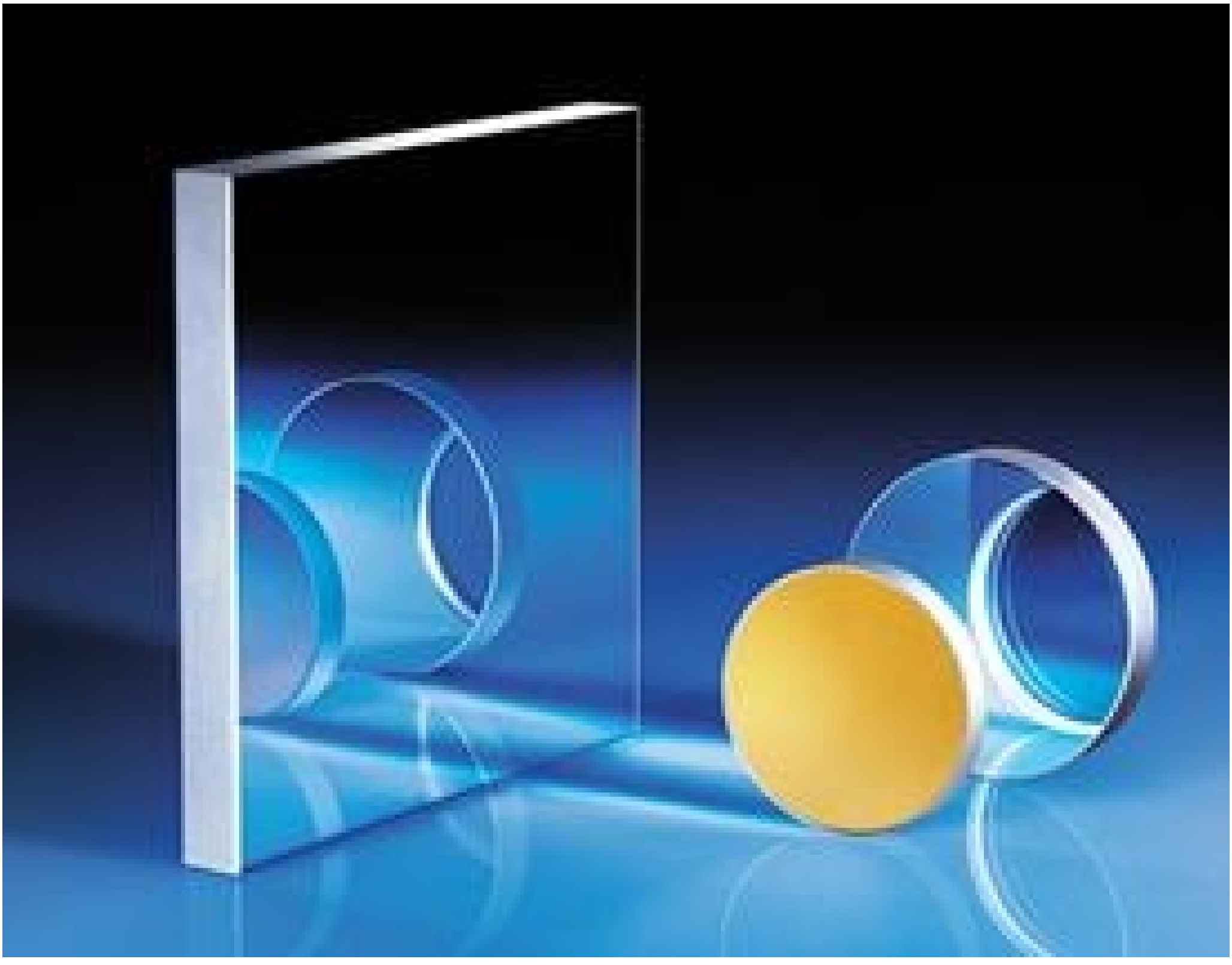
TECHSPEC® 12.7 x 12.7mm Protected Gold, 4-6λ Mirror



Stock **#83-494** 10 TO 12 DAYS

- 1 + **₹3,153**

ADD TO CART

Qty 1-5
₹3,153

Qty 6+
₹2,433

Volume Pricing
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SPECIFICATIONS

General

Type:	Flat Mirror

Physical & Mechanical Properties

Dimensions (mm):
12.7 x 12.7

Dimensional Tolerance (mm):
±0.25

Clear Aperture CA (mm):
11.70 x 11.70

Edges:
Seamed, 0.5mm Maximum Edge Chip

Thickness (mm):
2.00

Length (mm):
12.70

Width (mm):
12.70

Optical Properties

Surface Flatness (P-V):
4 - 6λ

Substrate:
Float Glass

Surface Quality:
60-40

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

Coating:
Protected Gold (700-10000nm)

Coating Type:
Metal

Wavelength Range (nm):
700 - 10000

Damage Threshold, By Design:
0.8 J/cm^2 @ 1064nm, 10ns

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 247:
Compliant

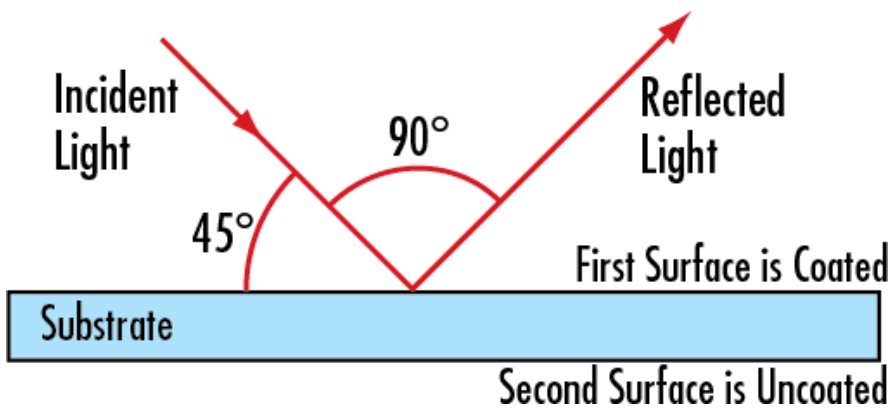
PRODUCT DETAILS

- 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