

# TECHSPEC® 25 x 35mm Enhanced Aluminum, $\lambda/4$ Mirror



Stock #32-513 [CONTACT US](#)

1 **MRP ₹8,071**

Price inclusive of all taxes

**ADD TO CART**

Volume Pricing	
Qty 1-5	₹8,071 each
Qty 6-25	₹6,457 each
Qty 26-49	₹6,104 each
Need More?	<a href="#">Request Quote</a>

Product Downloads	
STEP:step	Curve:pdf
PDF Drawing:pdf	IGES:igs
eDrawing:eprt	
EO Spec Sheet	<a href="#">Download All</a>

## General

**Type:** Flat Mirror

## Physical & Mechanical Properties

<b>Thickness (mm):</b> 5.00 +0.5/-0	<b>Dimensions (mm):</b> 25.0 x 35.0
<b>Back Surface:</b> Fine Grind	<b>Bevel:</b> Protective as needed
<b>Clear Aperture (%):</b> 85	<b>Dimensional Tolerance (mm):</b> +0/-0.5
<b>Edges:</b> Fine Ground	<b>Length (mm):</b> 35.00
<b>Width (mm):</b> 25.00	

## Optical Properties

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

## Regulatory Compliance

RoHS 2015: **Compliant**

Certificate of Conformance: [View](#)

Country of Origin: United States

**Imported By:** Edmund Optics  
India Private  
Limited  
267, Greystone  
Building,  
Second Floor,  
6th Cross Rd,  
Binnamangala,  
Stage 1,  
Indiranagar,  
Bengaluru,  
Karnataka,  
India 560038  
Phone: +91-  
80-6845 0000

## Need different specs or modifications?

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](#).

## Product Details

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

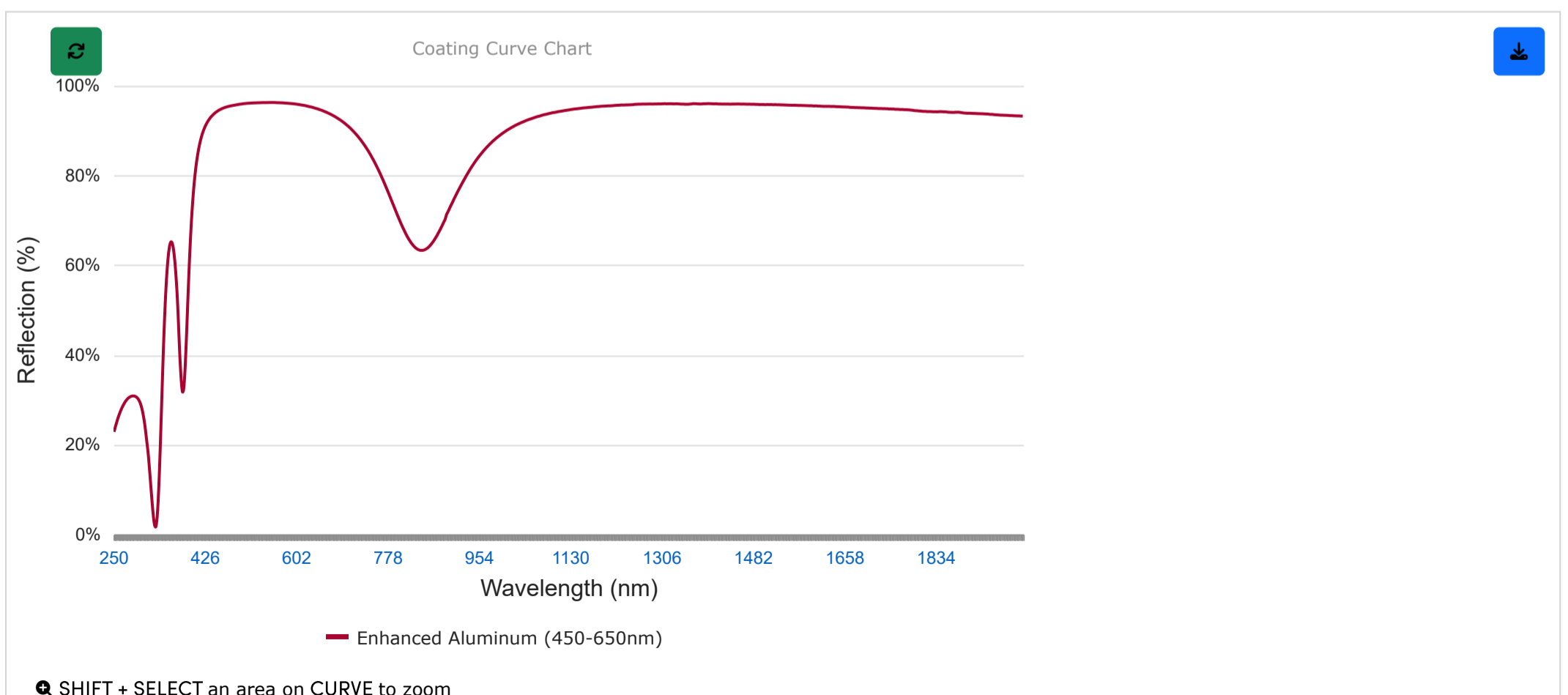
TECHSPEC®  $\lambda/4$  First Surface Mirrors feature a high reflectivity coating deposited on the front surface of the glass substrate. The coated surface should be oriented to reflect incident light. TECHSPEC  $\lambda/4$  First Surface Mirrors are offered in circular, square, and rectangular dimensions. 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.

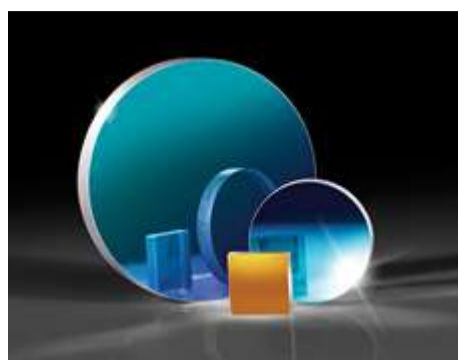
A range of mounts specifically compatible with individual TECHSPEC® First Surface Mirrors can be found on product web pages.

## Coating Curves

Enhanced Aluminum (450-650nm)



## Related Products



λ/10 First Surface Mirrors



Rhodium Coated First Surface Mirrors



First Surface Mirrors



PUROSOL™ Optical Cleaner

## Frequently Purchased Together



#30-286 - 25 x 35mm Protected Aluminum, λ/4 Mirror  
₹6,760

Qty



#30-875 - 16 x 23mm Protected Aluminum, λ/4 Mirror  
₹5,852

Qty



#31-413 - 20 x 37mm, 50R/50T, Plate Beamsplitter  
₹5,701

Qty



#31-436 - 25 x 38mm, 50R/50T, Plate Beamsplitter  
₹6,357

Qty

## Compatible Mounts

	Title	Type	Compare	Stock Number	Price	Buy
	1.5" Reverse Angle Mirror Mount	Adjustable - Tip-Tilt		#37-922	₹8,677 <a href="#">Request Quote</a>	20+ In Stock <input type="text" value="1"/>
	60mm sq - Rectangular Bar Clamp	Fixed		#54-995	₹12,712 <a href="#">Request Quote</a>	20+ In Stock <input type="text" value="1"/>
	3.0" Angle Mirror Mount	Adjustable - Tip-Tilt		#36-481	₹25,223 <a href="#">Request Quote</a>	8 In Stock <input type="text" value="1"/>

Check out our full selection of mounts [here](#).

## Resources

Media Type

CASE STUDIES

TRENDING IN OPTICS

CASE STUDIES

- Application Note
- Video
- FAQ
- Glossary

Laser Optics  
for Eye  
Surgery

Increasing  
Challenges for  
Sourcing Laser  
Optics...

Using IR  
Spectroscopy  
for Counterfeit  
Drug Detection

 APPLICATION NOTE

Metallic Mirror  
Coatings

 VIDEO

Optical Mirrors  
Review

 FAQ

What is the  
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first-surface...

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