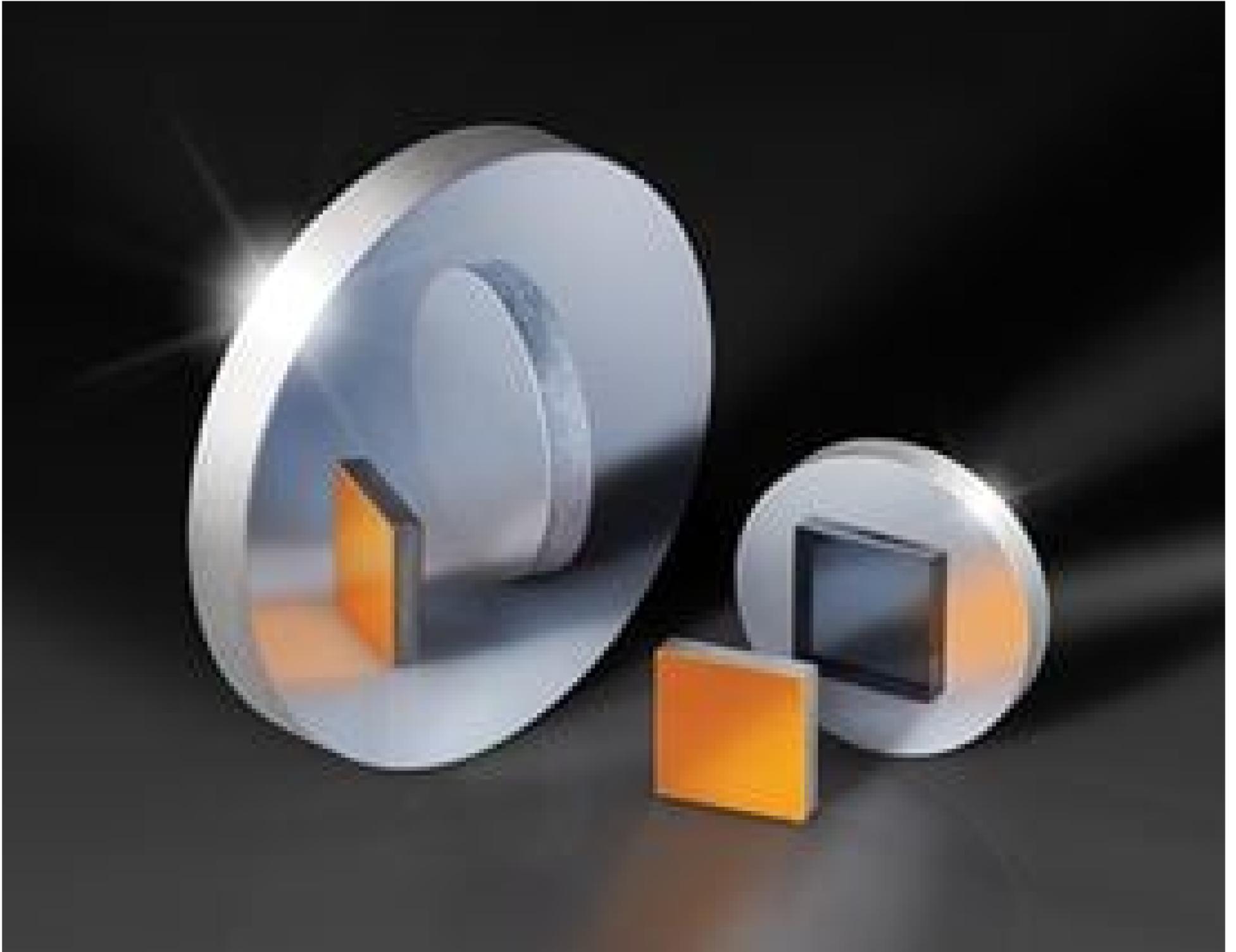


**TECHSPEC® 25 x 25mm Protected Silver,  $\lambda/20$  Mirror**



Stock #34-393 **20+ In Stock**

⊖ 1 ⊕ ₹14,869

**ADD TO CART**

Volume Pricing	
Qty 1-5	₹14,869 each
Qty 6-25	₹11,872 each
Qty 26-49	₹11,133 each
Need More?	<a href="#">Request Quote</a>

Product Downloads

**General**

Flat Mirror **Type:**

**Physical & Mechanical Properties**

4.00 **Thickness (mm):**

25.0 x 25.0 +0.00/-0.20 **Dimensions (mm):**

**Back Surface:**  
Commercial Polish

**Clear Aperture (%):**  
90.00

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**Edges:**  
Ground, protective bevel as needed

**Length (mm):**  
25.00

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**Width (mm):**  
25.00

**Parallelism (arcsec):**  
30.00

## Optical Properties

**Coating Type:**  
Metal

**Coating:**  
Protected Silver (450-10000nm)

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**Surface Flatness (P-V):**  
 $\lambda/20$  (flatness pre-coating)

**Wavelength Range (nm):**  
450 - 10000

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**Substrate:**   
[Fused Silica](#) (Corning 7980)

**Coating Specification:**  
R<sub>avg</sub> >98% @ 450 - 2000nm  
R<sub>avg</sub> >98% @ 2000 - 10,000nm

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**Surface Quality:**  
20-10

## Regulatory Compliance

**RoHS 2015:**  
[Compliant](#)

**Certificate of Conformance:**  
[View](#)

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**Reach 247:**  
[Compliant](#)

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**Country of Origin:**  
United States

**Imported By:**  
Edmund Optics India Private Limited

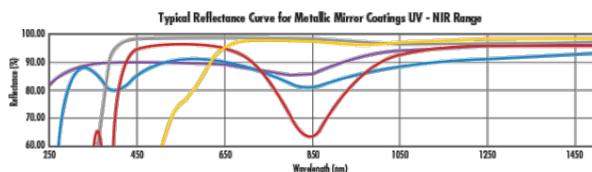
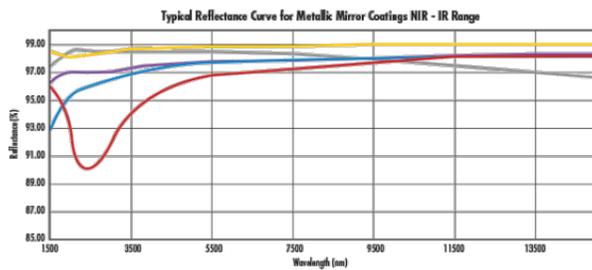
## Product Details

- Precision Fused Silica Substrate
- 20-10 Surface Quality
- Low Coefficient of Thermal Expansion

TECHSPEC®  $\lambda/20$  First Surface Mirrors are polished to industry leading surface accuracy and quality specifications to minimize reflected wavefront error. These mirrors feature a precision fused silica substrate with a low coefficient of thermal expansion. Multiple coating options are available, allowing these mirrors to be integrated into applications spanning the visible through infrared spectra. TECHSPEC®  $\lambda/20$  First Surface Mirrors are ideal for beam steering and reflection applications and are available in a variety of size, thickness, and coating options.

**Note:** Surface flatness is measured before coating.

## Technical Information



Coating	Range (nm)	% Reflection	Coating	Range (nm)	% Reflection	Coating	Range (nm)	% Reflection	Coating	Range (nm)	% Reflection			
Protected Aluminum	0.4 - 0.7	85	Enhanced Aluminum	0.45 - 0.65	95	UV Enhanced Aluminum	0.25 - 0.45	89	Protected Gold	0.7 - 2.0	96	Protected Silver	0.45 - 2.0	98
	0.4 - 2.0	90		-	-		0.25 - 0.70	85		2.0 - 10.0	96		2.0 - 10.0	98

## 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

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