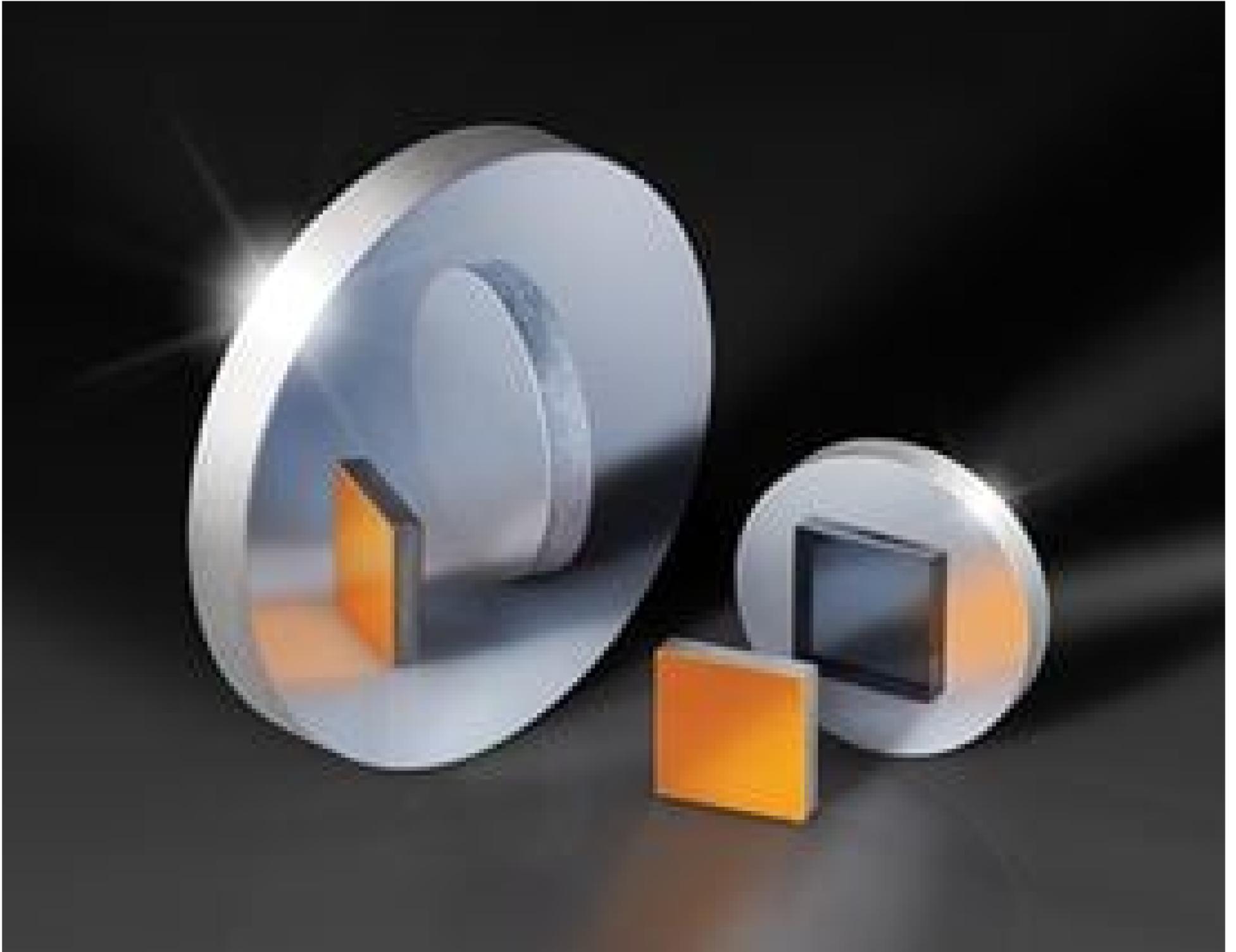


**TECHSPEC® 40mm Dia Protected Gold,  $\lambda/20$  Mirror**



Stock #34-380 **6 In Stock**

⊖ 1 ⊕ ₹24,289

**ADD TO CART**

Volume Pricing	
Qty 1-5	₹24,289 each
Qty 6-25	₹19,424 each
Qty 26-49	₹18,217 each
Need More?	<a href="#">Request Quote</a>

Product Downloads

**General**

Flat Mirror Type:

**Physical & Mechanical Properties**

40.00 +0.0/-0.20 Diameter (mm):

5.00 ±0.20 Thickness (mm):

Commercial Polish	<b>Back Surface:</b>
90.00	<b>Clear Aperture (%):</b>
Ground, protective bevel as needed	<b>Edges:</b>
30.00	<b>Parallelism (arcsec):</b>

## Optical Properties

Metal	<b>Coating Type:</b>
Protected Gold (700-10000nm)	<b>Coating:</b>
$\lambda/20$ (flatness pre-coating)	<b>Surface Flatness (P-V):</b>
700 - 10000	<b>Wavelength Range (nm):</b>
<a href="#">Fused Silica</a> (Corning 7980)	<b>Substrate:</b> <input type="checkbox"/>
$R_{avg} > 96\%$ @ 700 - 2000nm $R_{avg} > 96\%$ @ 2000 - 10,000nm	<b>Coating Specification:</b>
20-10	<b>Surface Quality:</b>

## Regulatory Compliance

<a href="#">Compliant</a>	<b>RoHS 2015:</b>
<a href="#">View</a>	<b>Certificate of Conformance:</b>
<a href="#">Compliant</a>	<b>Reach 247:</b>
United States	<b>Country of Origin:</b>
Edmund Optics India Private Limited	<b>Imported By:</b>

## 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](#).

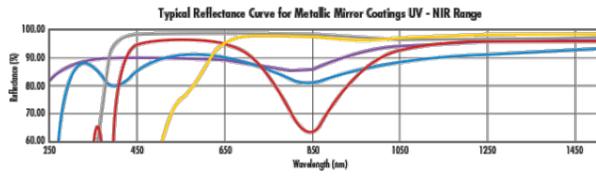
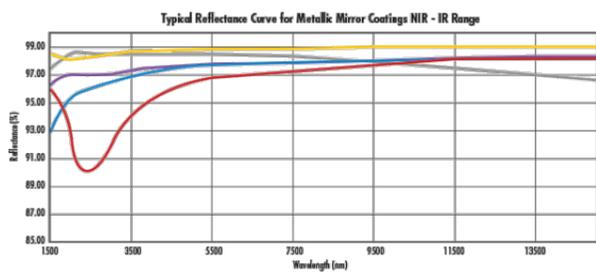
## Product Details

- 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



Protected Aluminum		Enhanced Aluminum		UV Thermal Aluminum		Protected Gold		Protected Silver	
Range (nm)	% Reflection	Range (nm)	% Reflection	Range (nm)	% Reflection	Range (nm)	% Reflection	Range (nm)	% Reflection
0.4 - 0.7	85	0.45 - 0.65	95	0.25 - 0.45	89	0.7 - 2.0	96	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

## Compatible Mounts