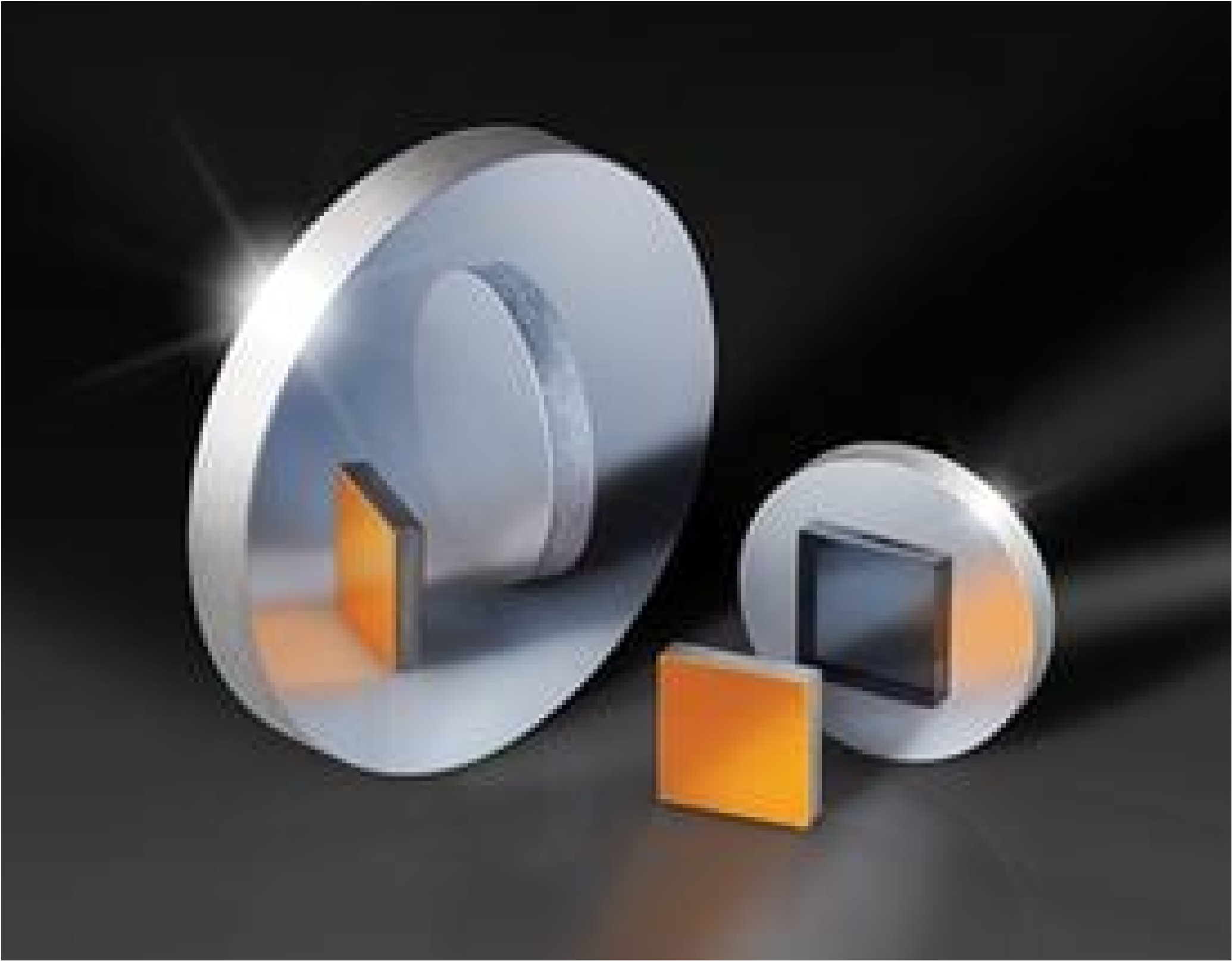


TECHSPEC[®] 40 x 40mm UV Enhanced Aluminum, $\lambda/20$ Mirror



Stock #70-296 2 In Stock

-

1

+

A\$419^{.20}

ADD TO CART

Volume Pricing	
Qty 1-5	A\$419.20 each
Qty 6-25	A\$334.40 each
Qty 26-49	A\$313.60 each
Need More?	Request Quote

Product Downloads

General	
Flat Mirror	Type:
Physical & Mechanical Properties	
5.00 ±0.20	Thickness (mm):
40.00 x40.00 +0.00/-0.20	Dimensions (mm):

Commercial Polish	Back Surface:
90.00	Clear Aperture (%):
Ground, protective bevel as needed	Edges:
40.00	Length (mm):
40.00	Width (mm):
30.00	Parallelism (arcsec):

Optical Properties	
Metal	Coating Type:
UV Enhanced Aluminum (250-700nm)	Coating:
$\lambda/20$ (flatness pre-coating)	Surface Flatness (P-V):
250 - 700	Wavelength Range (nm):
Fused Silica (Corning 7980)	Substrate: ☐
R _{avg} >85% @ 250 - 700nm R _{avg} >89% @ 250 - 450nm	Coating Specification:
20-10	Surface Quality:

Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 247:

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](#).

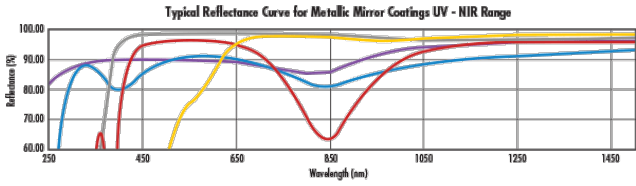
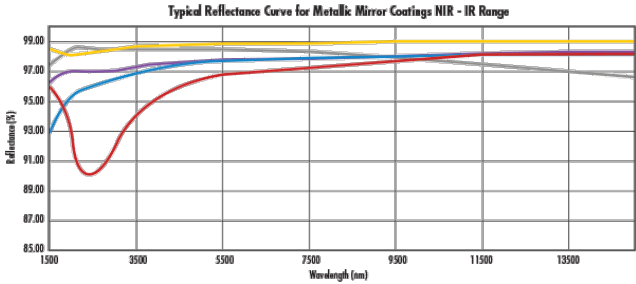
Product Details

- 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 Enhanced Aluminum		Protected Gold		Protected Silver	
Range (µm)	% Reflection	Range (µm)	% Reflection	Range (µm)	% Reflection	Range (µm)	% Reflection	Range (µm)	% 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