

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



Stock #70-296 2 In Stock

-

1

+

₹18,295

ADD TO CART

Volume Pricing	
Qty 1-5	₹18,295 each
Qty 6-25	₹14,636 each
Qty 26-49	₹13,741 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):

	Back Surface:
Commercial Polish	
	Clear Aperture (%):
90.00	

	Edges:
Ground, protective bevel as needed	
	Length (mm):
40.00	

	Width (mm):
40.00	

	Parallelism (arcsec):
30.00	

Optical Properties

	Coating Type:
Metal	
	Coating:
UV Enhanced Aluminum (250-700nm)	

	Surface Flatness (P-V):
$\lambda/20$ (flatness pre-coating)	
	Wavelength Range (nm):
250 - 700	

	Substrate: ☐
Fused Silica (Corning 7980)	
	Coating Specification:
R _{avg} >85% @ 250 - 700nm R _{avg} >89% @ 250 - 450nm	

	Surface Quality:
20-10	

Regulatory Compliance

	RoHS 2015:
Compliant	
	Certificate of Conformance:
View	

	Reach 247:
Compliant	

	Country of Origin:
United States	
	Imported By:
Edmund Optics India Private Limited	

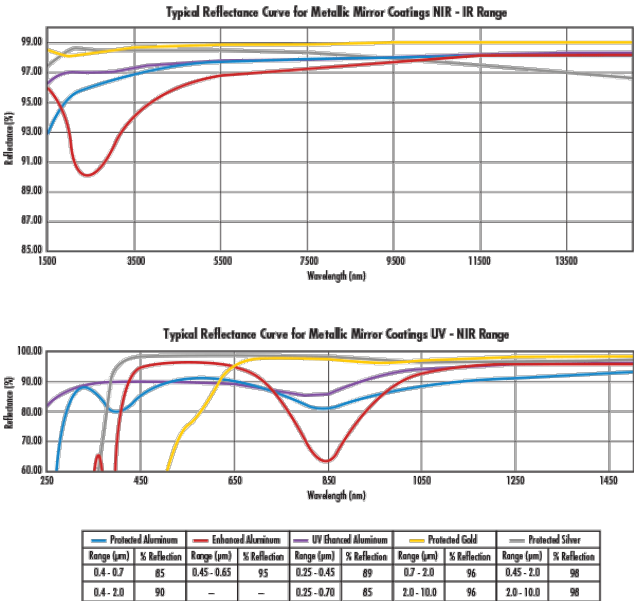
Product Details

- 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



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](#).

;