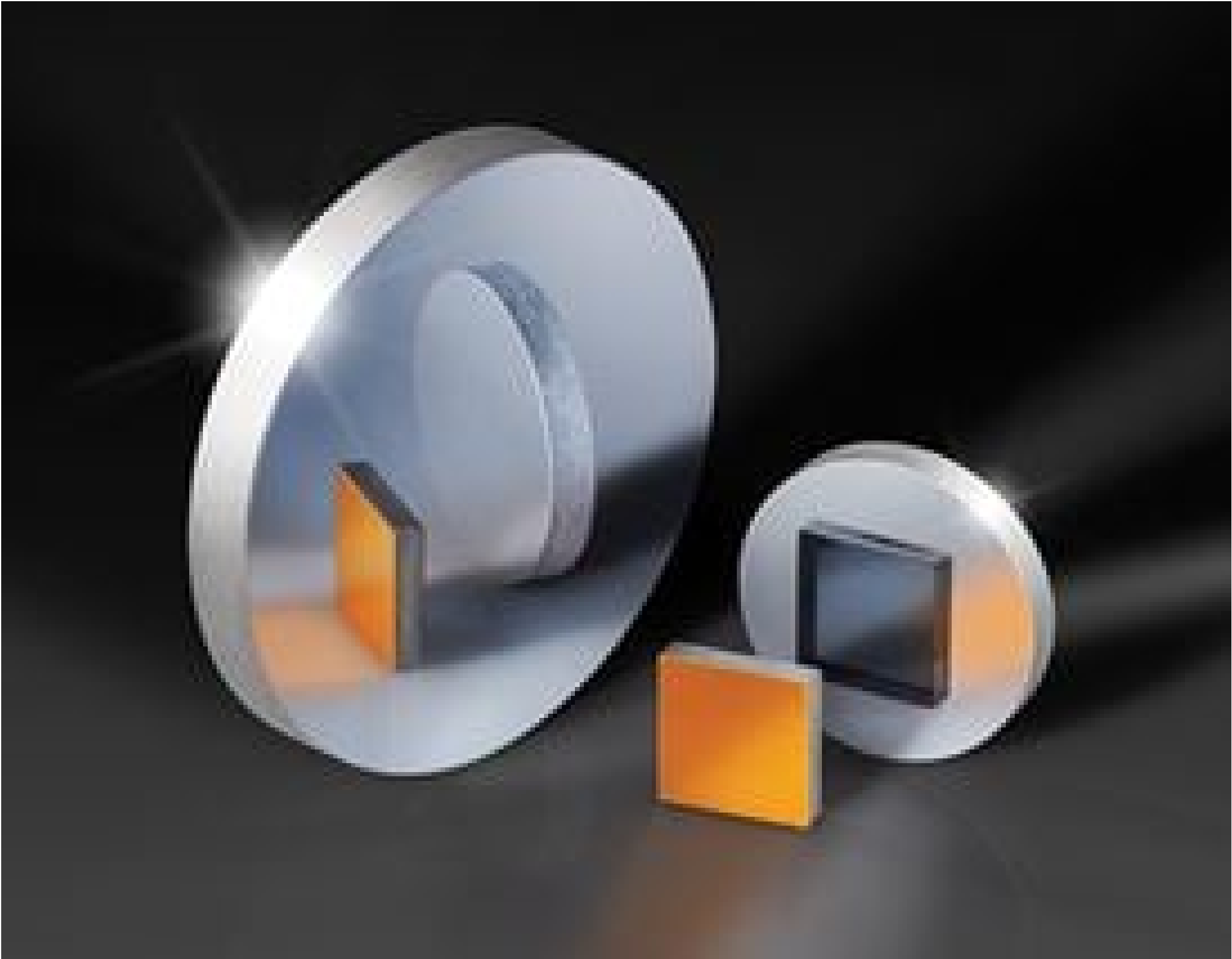


TECHSPEC[®] 40mm Dia Enhanced Aluminum, $\lambda/20$ Mirror



Stock **#34-364** 3 In Stock

-

1

+

₹18,295

ADD TO CART

Volume Pricing	
Qty 1-5	₹18,295 each
Qty 6-25	₹14,597 each
Qty 26-49	₹13,702 each
Need More?	Request Quote

Product Downloads

General

Flat Mirror

Type:

Physical & Mechanical Properties

40.00 +0.0/-0.20

Diameter (mm):

Commercial Polish

Back Surface:

90.00	Clear Aperture (%):
Ground, protective bevel as needed	Edges:
30.00	Parallelism (arcsec):
5.00 ±0.20	Thickness (mm):

Optical Properties

λ/20 (flatness pre-coating)	Surface Flatness (P-V):
Fused Silica (Corning 7980)	Substrate: ☐
20-10	Surface Quality:
R _{avg} >95% @450 - 650nm	Coating Specification:
Enhanced Aluminum (450-650nm)	Coating:
Metal	Coating Type:
450 - 650	Wavelength Range (nm):

Regulatory Compliance

Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 247:
United States	Country of Origin:
Edmund Optics India Private Limited	Imported By:

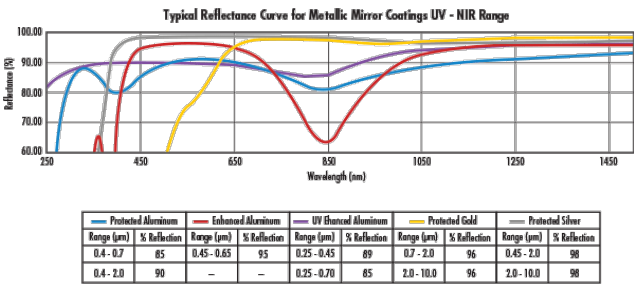
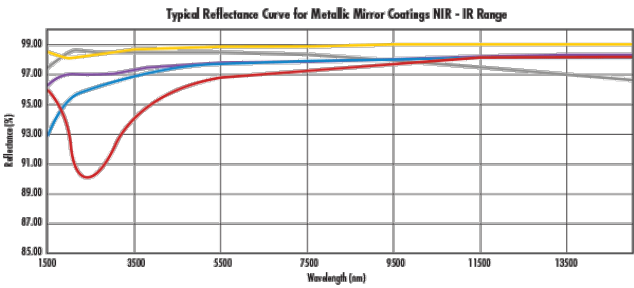
Product Details

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

TECHSPEC® λ/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® λ/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 Coated 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

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
