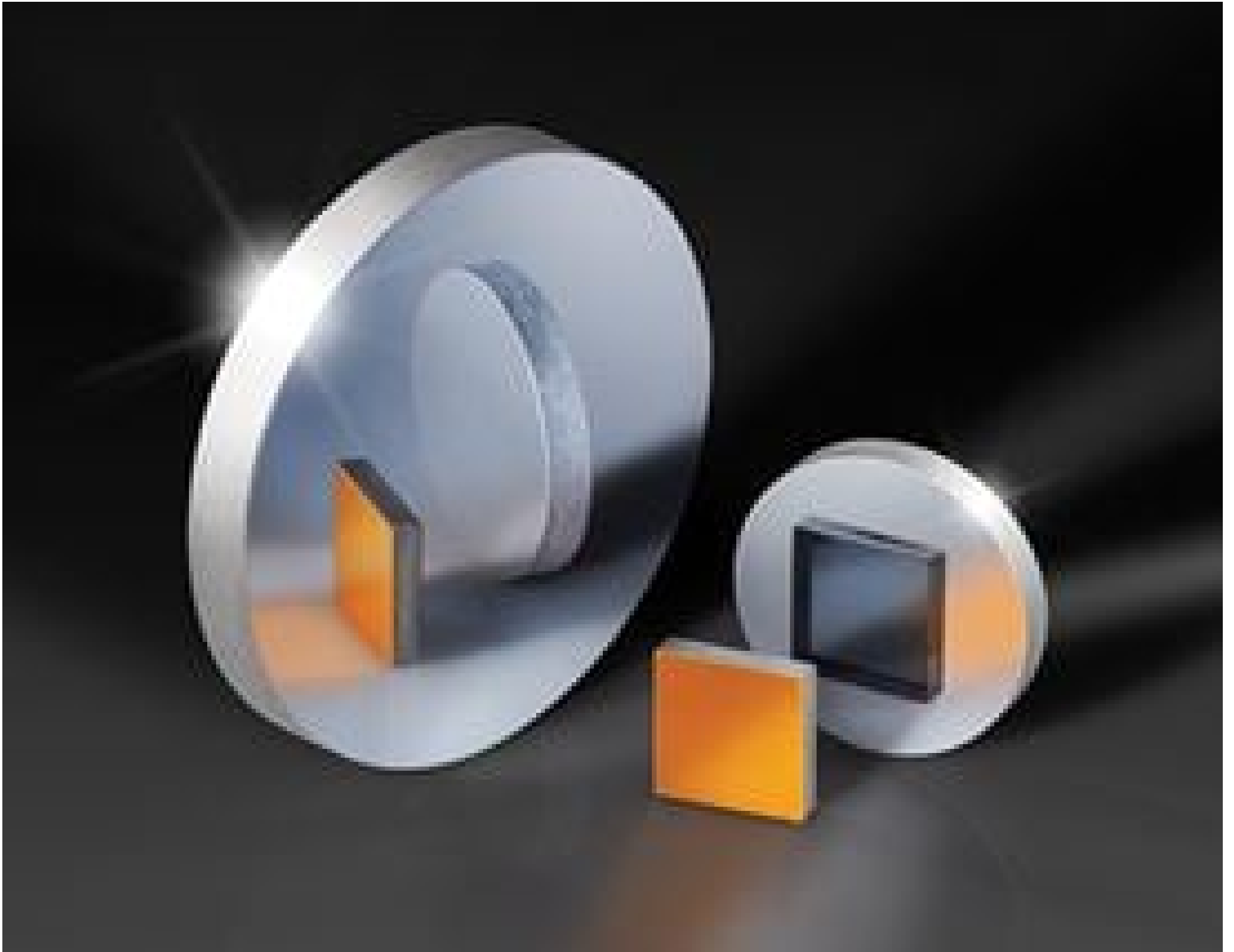


TECHSPEC® 30mm Dia Protected Gold, λ/20 Mirror



Stock #34-378 **1 In Stock**

⊖ 1 ⊕ A\$433⁴²

ADD TO CART

Volume Pricing	
Qty 1-5	A\$433.42 each
Qty 6-25	A\$345.26 each
Qty 26-49	A\$323.83 each
Need More?	Request Quote

Product Downloads

SPECIFICATIONS

General

Flat Mirror **Type:**

Physical & Mechanical Properties

30.00 +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

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

Regulatory Compliance

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

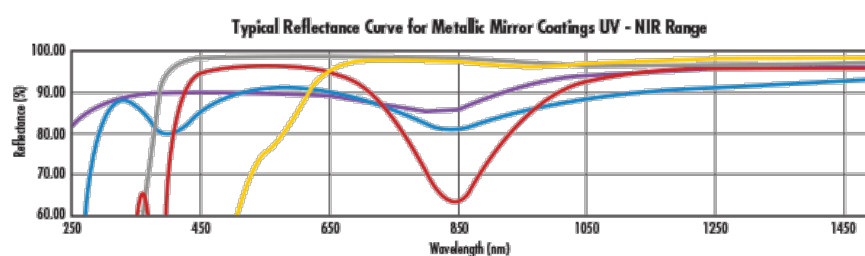
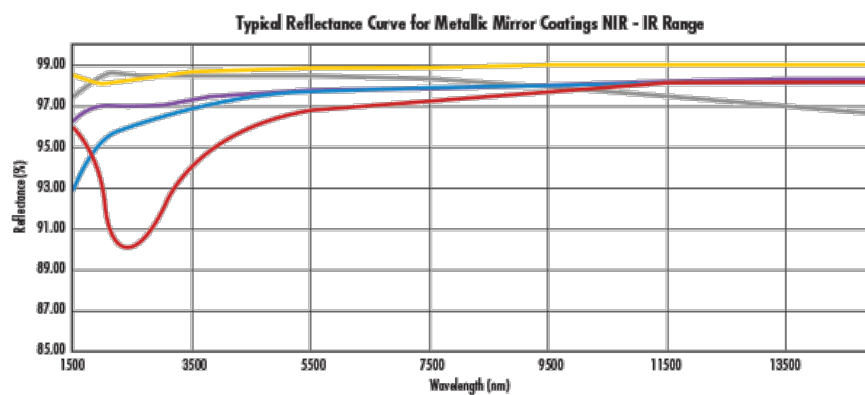
PRODUCT DETAILS

- 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 (µm)	% Reflection	Coating	Range (µm)	% Reflection	Coating	Range (µm)	% Reflection	Coating	Range (µm)	% 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
Protected Aluminum	0.4 - 2.0	90	Enhanced Aluminum	-	-	UV Enhanced Aluminum	0.25 - 0.70	85	Protected Gold	2.0 - 10.0	96	Protected Silver	2.0 - 10.0	98

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
