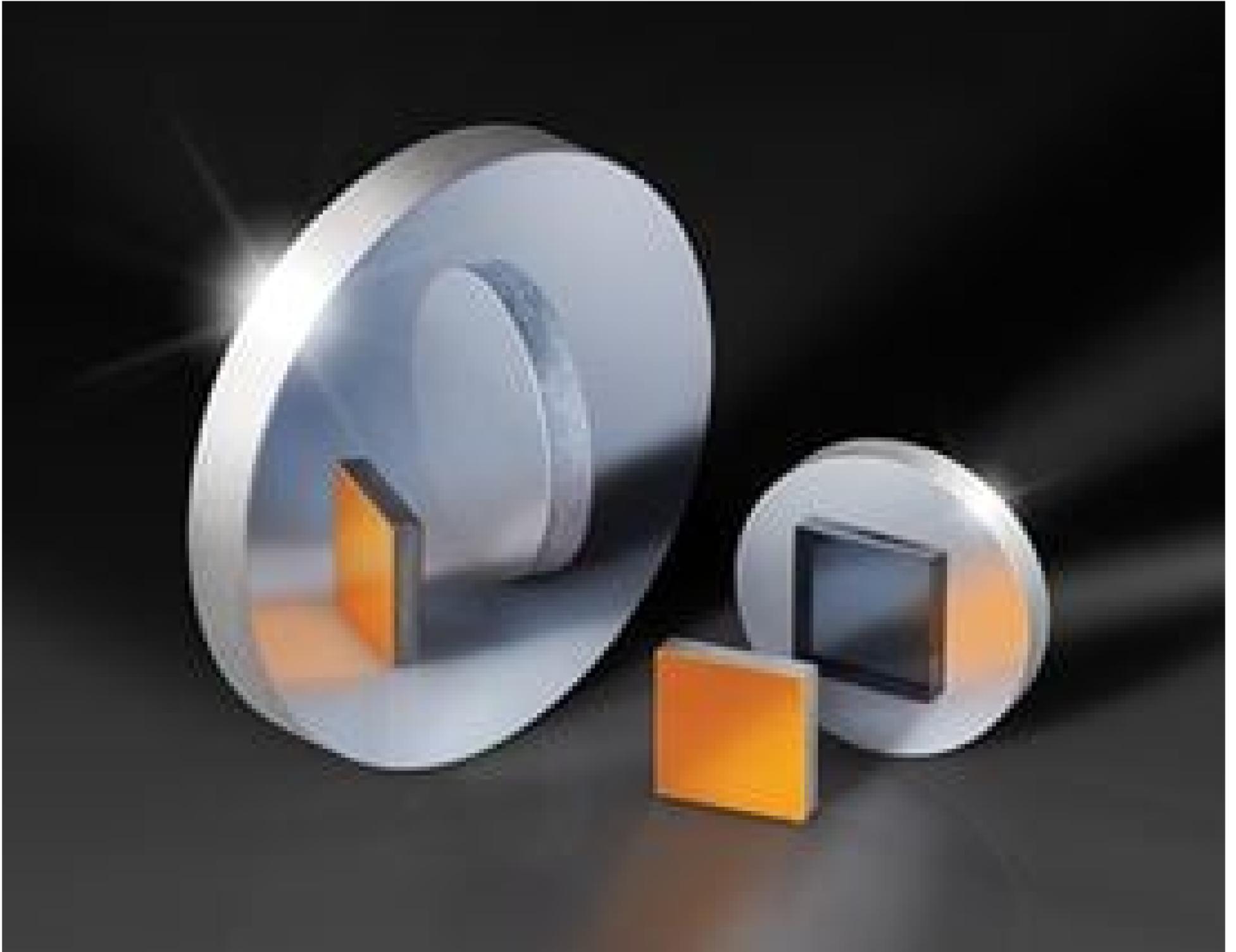


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TECHSPEC® 30 x 30mm Enhanced Aluminum, $\lambda/20$ Mirror



Stock #34-363 [CONTACT US](#)

- 1 + **S\$305^{.20}**

ADD TO CART

Volume Pricing	
Qty 1-5	S\$305.20 each
Qty 6-25	S\$245.00 each
Qty 26-49	S\$229.60 each
Need More?	Request Quote

Product Downloads

General

Flat Mirror **Type:**

Physical & Mechanical Properties

5.00 **Thickness (mm):**

30.0 x 30.0 +0.00/-0.20 **Dimensions (mm):**

Commercial Polish **Back Surface:**

90.00 **Clear Aperture (%):**

Ground, protective bevel as needed **Edges:**

30.00 **Length (mm):**

30.00 **Width (mm):**

30.00 **Parallelism (arcsec):**

Optical Properties

Metal **Coating Type:**

Enhanced Aluminum (450-650nm) **Coating:**

$\lambda/20$ (flatness pre-coating) **Surface Flatness (P-V):**

450 - 650 **Wavelength Range (nm):**

Substrate:
Fused Silica (Corning 7980)

$R_{avg} > 95\%$ @ 450 - 650nm **Coating Specification:**

20-10 **Surface Quality:**

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 247:
Compliant

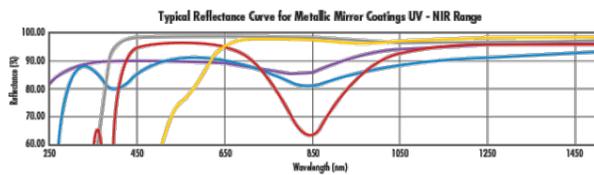
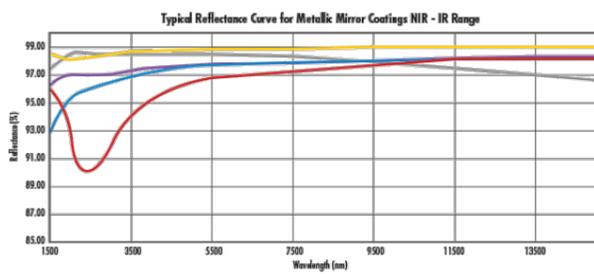
Product Details

- 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 (nm)	% Reflection	Coating	Range (nm)	% Reflection	Coating	Range (nm)	% Reflection	Coating	Range (nm)	% Reflection	Coating	Range (nm)	% 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

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
