

TECHSPEC®

20mm Dia Protected Silver, $\lambda/20$ Mirror



Stock

#34-390

11 In Stock

-

1

+

₹13,312

ADD TO CART

Volume Pricing	
Qty 1-5	₹13,312 each
Qty 6-25	₹10,665 each
Qty 26-49	₹10,004 each
Need More?	Request Quote

Product Downloads

General

Flat Mirror

Type:

Physical & Mechanical Properties

20.00 +0.0/-0.20

Diameter (mm):

Commercial Polish

Back Surface:

90.00

Ground, protective bevel as needed

30.00

 3.00 ± 0.20 [illegible]

N/20 (flatness pre-coating)

Fused Silica (Corning 7980)

20-10

$R_{avg} > 98\%$ @ 450 - 2000nm
 $R_{avg} > 98\%$ @ 2000 - 10,000nm

Protected Silver (450-10000nm)

Metal

450 - 10000

Regulatory Compliance	
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Compliant

View

Compliant

United States

Edmund Optics India Private Limited

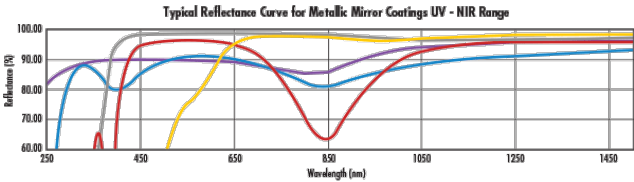
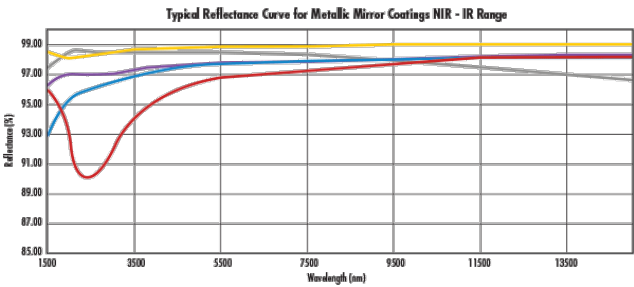
Product Details

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

TECHSPEC® X20 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® X20 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

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
