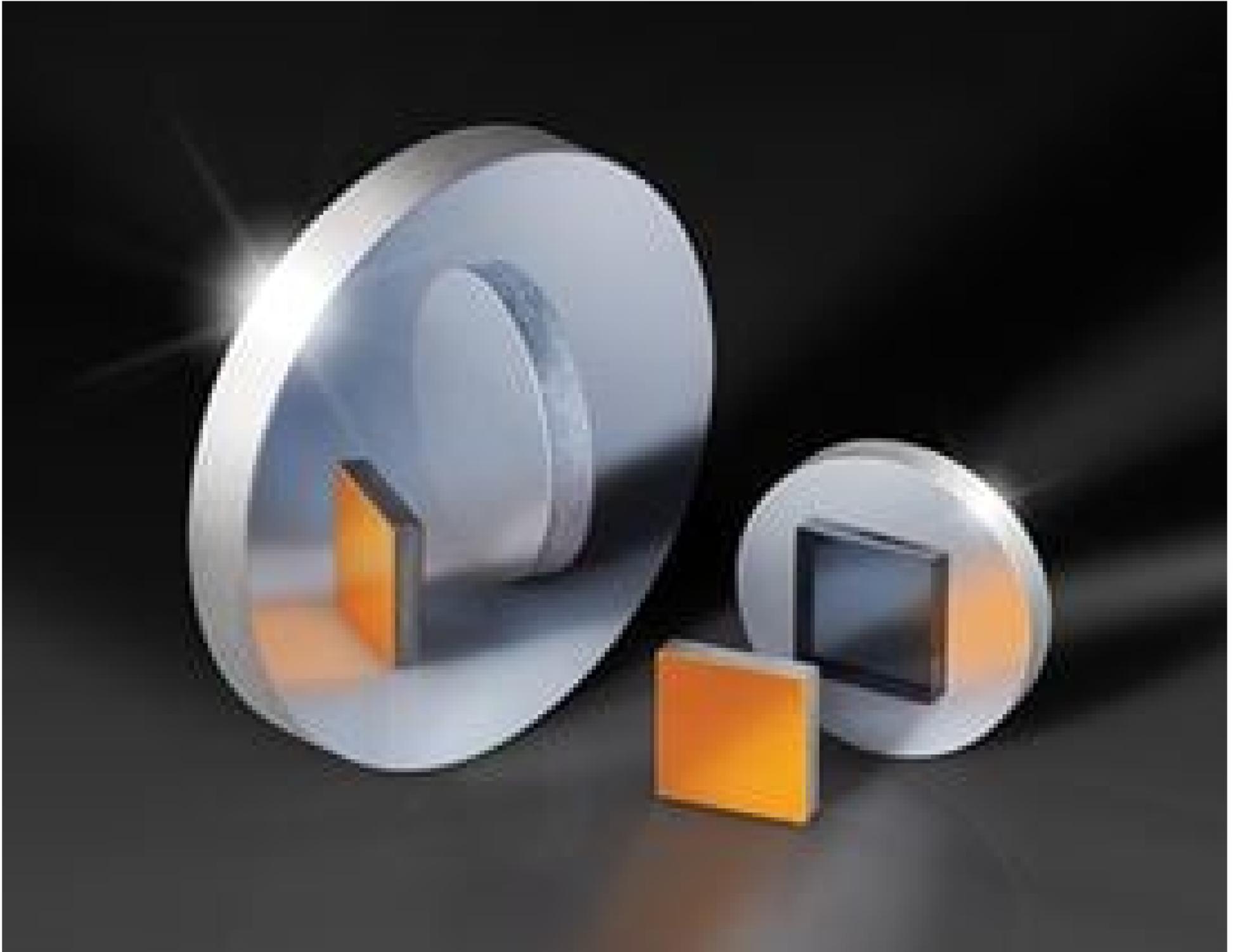


**TECHSPEC® 15 x 15mm Protected Silver,  $\lambda/20$  Mirror**



Stock #34-389 **9 In Stock**

⊖ 1 ⊕ ₹11,989

**ADD TO CART**

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | ₹11,989 each                  |
| Qty 6-25       | ₹9,653 each                   |
| Qty 26-49      | ₹9,031 each                   |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

**General**

Flat Mirror **Type:**

**Physical & Mechanical Properties**

Commercial Polish **Back Surface:**

15.0 x 15.0 +0.00/-0.20 **Dimensions (mm):**

Clear Aperture (%):  
90.00

Edges:  
Ground, protective bevel as needed

Parallelism (arcsec):  
30.00

Thickness (mm):  
3.00

Length (mm):  
15.00

Width (mm):  
15.00

## Optical Properties

Surface Flatness (P-V):  
λ/20 (flatness pre-coating)

Substrate:   
Fused Silica (Corning 7980)

Surface Quality:  
20-10

Coating Specification:  
R<sub>avg</sub> >98% @450 - 2000nm  
R<sub>avg</sub> >98% @2000 - 10,000nm

Coating:  
Protected Silver (450-10000nm)

Coating Type:  
Metal

Wavelength Range (nm):  
450 - 10000

## Regulatory Compliance

RoHS 2015:  
Compliant

Certificate of Conformance:  
View

Reach 247:  
Compliant

Country of Origin:  
United States

Imported By:  
Edmund Optics India Private Limited

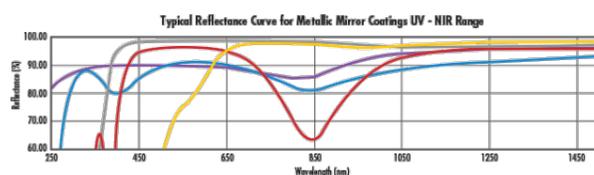
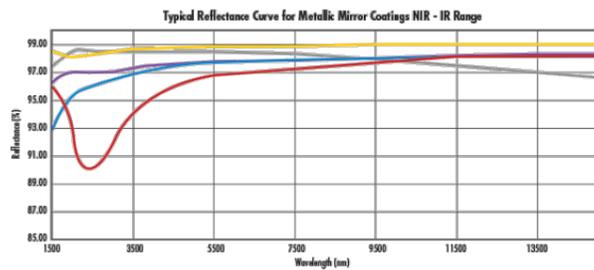
## Product Details

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

TECHSPEC® 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



| 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 |
|                    | 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

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