

25 x 25mm, Rhodium Coated First Surface Mirror



Rhodium Coated First Surface Mirrors

Stock **#15-490** **12 In Stock**

-

1

+

£38²⁰

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Volume Pricing	
Qty 1-5	£38.20 each
Qty 6-49	£30.40 each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Flat Mirror

Type:

Physical & Mechanical Properties

2.00 ±0.20

Thickness (mm):

25.0 x25.0

Dimensions (mm):

Protective as needed	Bevel:
±0.25	Dimensional Tolerance (mm):
Seamed	Edges:
25.00	Length (mm):
25.00	Width (mm):

Optical Properties	
Metal	Coating Type:
Rhodium (400-10000nm)	Coating:
4 - 6λ	Surface Flatness (P-V):
400 - 10000	Wavelength Range (nm):
Float Glass	Substrate: □
Ravg >70% @400 - 700nm Ravg >90% @2000 - 10,000nm	Coating Specification:
80-50	Surface Quality:

Environmental & Durability Factors	
Severe, per MIL-C-675C Paragraph 3.8.4.1	Coating Abrasion:
ML-PRF-13830B, App B Para. 4.4.6	Coating Adhesion:

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

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](#).

Product Details

- Corrosion and Extreme Abrasion Resistant Rhodium Coating
- High Reflectivity in the VS and IR
- Ideal for Orthodontic Applications

Rhodium Coated First Surface Mirrors provide high reflectivity and are ideal for orthodontic applications, especially in intra-oral photography. These mirrors feature a rhodium coating, which is an element notably resistant to corrosion and aggressive chemicals and passes severe abrasion tests as per MIL-C-675C. Rhodium Coated First Surface Mirrors utilize a float glass substrate which enables easy customization and provides excellent cost to performance ratio. They are available in standard metric sizes, with either circular or square geometries.

Compatible Mounts