

[All Products](#) / [Optics](#) / [Optical Mirrors](#) / [Flat Mirrors](#) / [Float Glass](#)

Rhodium Coated First Surface Mirrors



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

Common Specifications

Physical & Mechanical Properties

Dimensional Tolerance (mm): ± 0.25

Bevel: Protective as needed

Optical Properties

Surface Flatness (P-V): $4 - 6\lambda$

Substrate: Float Glass

Surface Quality: 80-50

Coating Specification:
 $R_{avg} > 70\%$ @ 400 - 700nm
 $R_{avg} > 90\%$ @ 2000 - 10,000nm

Coating: Rhodium (400-10000nm)

Coating Type: Metal

Wavelength Range (nm): 400 - 10000

Environmental & Durability Factors

Coating Abrasion: Severe, per MIL-C-675C Paragraph 3.8.4.1

Coating Adhesion: MIL-PRF-13830B, App B Para. 4.4.6

Technical Information

Products

Dia. (mm)	Surface Flatness (P-V)	Dimensions (mm)	Coating Specification	Coating	Thickness (mm)	Stock Number	Price	Buy
12.50	4 - 6λ	-	R _{avg} >70% @ 400 - 700nm R _{avg} >90% @ 2000 - 10,000nm	Rhodium (400- 10000nm)	2.00	#15-487	₹2,433 Volume Pricing	4 In Stock
-	4 - 6λ	12.5 x 12.5	R _{avg} >70% @ 400 - 700nm R _{avg} >90% @ 2000 - 10,000nm	Rhodium (400- 10000nm)	2.00	#15-488	₹2,433 Volume Pricing	14 In Stock
25.00	4 - 6λ	-	R _{avg} >70% @ 400 - 700nm R _{avg} >90% @ 2000 - 10,000nm	Rhodium (400- 10000nm)	2.00	#15-489	₹3,367 Volume Pricing	1 In Stock
-	4 - 6λ	25.0 x 25.0	R _{avg} >70% @ 400 - 700nm R _{avg} >90% @ 2000 - 10,000nm	Rhodium (400- 10000nm)	2.00	#15-490	₹3,367 Volume Pricing	14 In Stock
50.00	4 - 6λ	-	R _{avg} >70% @ 400 - 700nm R _{avg} >90% @ 2000 - 10,000nm	Rhodium (400- 10000nm)	3.00	#15-491	₹4,827 Volume Pricing	17 In Stock
-	4 - 6λ	50.0 x 50.0	R _{avg} >70% @ 400 - 700nm R _{avg} >90% @ 2000 - 10,000nm	Rhodium (400- 10000nm)	3.00	#15-492	₹4,827 Volume Pricing	16 In Stock
75.00	4 - 6λ	-	R _{avg} >70% @ 400 - 700nm R _{avg} >90% @ 2000 - 10,000nm	Rhodium (400- 10000nm)	3.00	#15-493	₹8,641 Volume Pricing	12 In Stock
-	4 - 6λ	75.0 x 75.0	R _{avg} >70% @ 400 - 700nm R _{avg} >90% @ 2000 - 10,000nm	Rhodium (400- 10000nm)	3.00	#15-494	₹8,641 Volume Pricing	2 In Stock



Copyright 2023, Edmund Optics India Private Limited, #267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038

Phone: 1-800-363-1992 :

www.edmundoptics.com