

[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 - 6λ	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	S\$48.30 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	S\$48.30 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	S\$66.85 Volume Pricing	Contact Us
-	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	S\$66.85 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	S\$95.90 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	S\$95.90 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	S\$170.80 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	S\$170.80 Volume Pricing	2 In Stock



Copyright 2024, Edmund Optics Singapore Pte. Ltd, 18 Woodlands Loop #04-00, Singapore 738100

[PRIVACY POLICY](#) [COOKIE POLICY](#) [TERMS & CONDITIONS](#)

Phone: 1-800-363-1992 :

www.edmundoptics.com