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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 bevel 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	€31,25 Qty 6+ €25,00	3-4 days
-	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	€31,25 Qty 6+ €25,00	3-4 days
25.00	4 - 6λ	-	R _{avg} >70% @ 400 - 700nm R _{avg} >90% @ 2000 - 10,000nm	Rhodium (400- 10000nm)	2.00	#15-489	€43,25 Qty 6+ €34,25	3-4 days
-	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	€43,25 Qty 6+ €34,25	3-4 days
50.00	4 - 6λ	-	R _{avg} >70% @ 400 - 700nm R _{avg} >90% @ 2000 - 10,000nm	Rhodium (400- 10000nm)	3.00	#15-491	€62,00 Qty 6+ €49,50	3-4 days
-	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	€62,00 Qty 6+ €49,50	3-4 days
75.00	4 - 6λ	-	R _{avg} >70% @ 400 - 700nm R _{avg} >90% @ 2000 - 10,000nm	Rhodium (400- 10000nm)	3.00	#15-493	€111,00 Qty 6+ €89,00	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	€111,00 Qty 6+ €89,00	3-4 days



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