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TECHSPEC® Precision Ultraviolet Mirrors


- 120nm and 190nm Design Wavelengths
- Average Reflectivity >85% Across Specified Range
- Enhanced Metallic Coatings for Broadband Reflectivity through the Visible Region

Common Specifications

Physical & Mechanical Properties

Clear Aperture (%):	90
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Optical Properties

Surface Flatness (P-V):	$\lambda/10$
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Substrate:	Fused Silica (Corning 7980)
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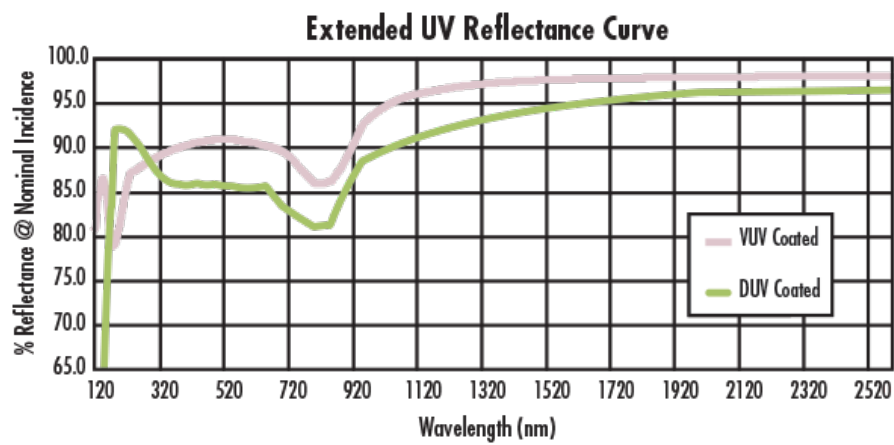
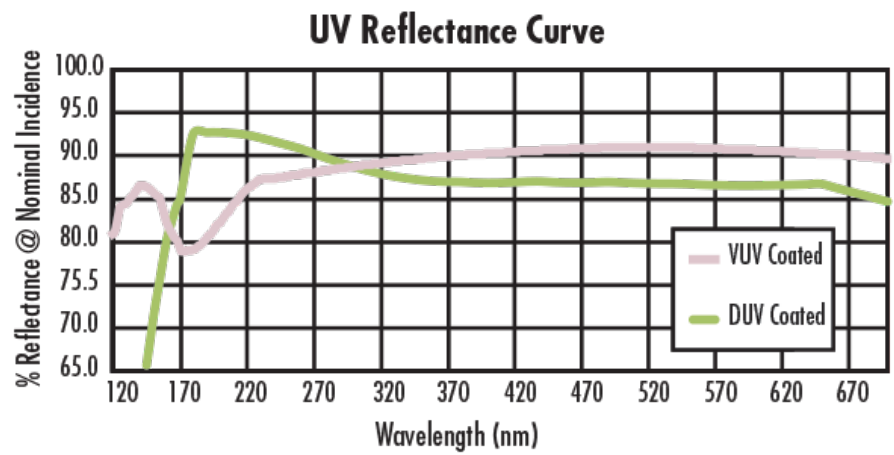
Coating Type:	Metal
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Angle of Incidence (°):	0
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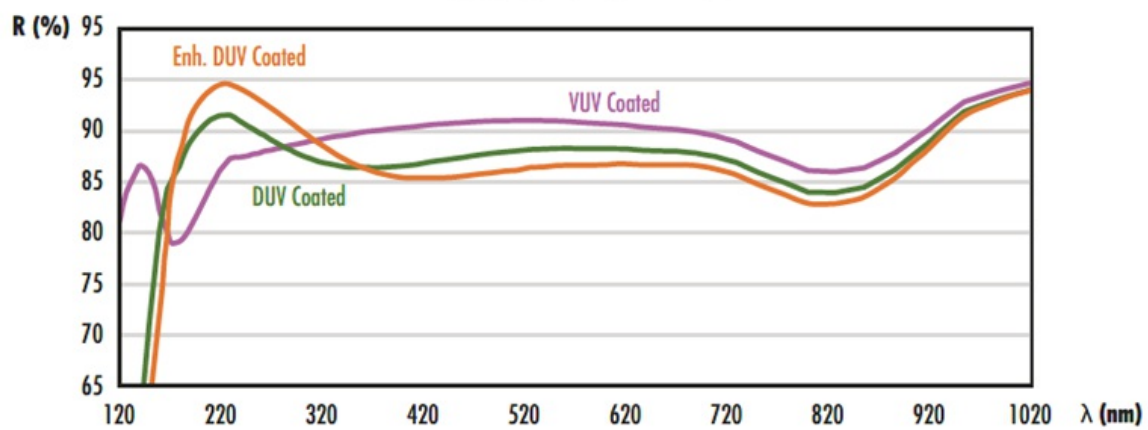
Material Properties

Vacuum Compatibility:	10^{-7} Torr
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Technical Information



Precision Ultraviolet Mirrors



Products

Dia. (mm)	Surface Flatness (P-V)	Coating Specification	Coating	AOI (°)	Thickness (mm)	Stock Number	Price	Buy
5.00	$\lambda/10$	$R_{avg} \geq 78\% @$ 120 - 125nm $R_{avg} \geq 85\% @$ 120 - 600nm	Enhanced Aluminum (120- 600nm)	0	2.00	#18-725	€250,00 Qty 6+ €199,00	3-4 days
10.00	$\lambda/10$	$R_{avg} \geq 78\% @$ 120 - 125nm $R_{avg} \geq 85\% @$ 120 - 600nm	Enhanced Aluminum (120- 600nm)	0	2.00	#18-726	€260,00 Qty 6+ €207,00	3-4 days
12.50	$\lambda/10$	$R_{avg} \geq 78\% @$ 120 - 125nm $R_{avg} \geq 85\% @$ 120 - 600nm	Enhanced Aluminum (120- 600nm)	0	6.00	#33-912	€270,00 Qty 6+ €214,00	3-4 days
15.00	$\lambda/10$	$R_{avg} \geq 78\% @$ 120 - 125nm $R_{avg} \geq 85\% @$ 120 - 600nm	Enhanced Aluminum (120- 600nm)	0	3.00	#18-727	€275,00 Qty 6+ €218,00	3-4 days
20.00	$\lambda/10$	$R_{avg} \geq 78\% @$ 120 - 125nm $R_{avg} \geq 85\% @$ 120 - 600nm	Enhanced Aluminum (120- 600nm)	0	3.00	#18-728	€285,00 Qty 6+ €227,00	3-4 days
25.00	$\lambda/10$	$R_{avg} \geq 78\% @$ 120 - 125nm $R_{avg} \geq 85\% @$ 120 - 600nm	Enhanced Aluminum (120- 600nm)	0	6.00	#33-913	€285,00 Qty 6+ €229,00	In Stock
30.00	$\lambda/10$	$R_{avg} \geq 78\% @$ 120 - 125nm $R_{avg} \geq 85\% @$ 120 - 600nm	Enhanced Aluminum (120- 600nm)	0	5.00	#18-729	€295,00 Qty 6+ €236,00	3-4 days
35.00	$\lambda/10$	$R_{avg} \geq 78\% @$ 120 - 125nm $R_{avg} \geq 85\% @$ 120 - 600nm	Enhanced Aluminum (120- 600nm)	0	5.00	#18-730	€300,00 Qty 6+ €240,00	3-4 days
40.00	$\lambda/10$	$R_{avg} \geq 78\% @$ 120 - 125nm $R_{avg} \geq 85\% @$ 120 - 600nm	Enhanced Aluminum (120- 600nm)	0	5.00	#18-731	€315,00 Qty 6+ €251,00	3-4 days

50.00	$\lambda/10$	$R_{avg} \geq 78\% @$ 120 - 125nm $R_{avg} \geq 85\% @$ 120 - 600nm	Enhanced Aluminum (120- 600nm)	0	10.00	#33-914	€380,00 Qty 6+ €304,00	3-4 days
5.00	$\lambda/10$	$R_{avg} \geq 92\% @$ 190 - 250nm $R_{avg} \geq 83\% @$ 250 - 900nm	Enhanced Aluminum (190- 900nm)	0	2.00	#18-739	€275,00 Qty 6+ €218,00	3-4 days
10.00	$\lambda/10$	$R_{avg} \geq 92\% @$ 190 - 250nm $R_{avg} \geq 83\% @$ 250 - 900nm	Enhanced Aluminum (190- 900nm)	0	2.00	#18-740	€285,00 Qty 6+ €227,00	3-4 days
12.50	$\lambda/10$	$R_{avg} \geq 92\% @$ 190 - 250nm $R_{avg} \geq 83\% @$ 250 - 900nm	Enhanced Aluminum (190- 900nm)	0	6.00	#18-741	€290,00 Qty 6+ €233,00	3-4 days
12.50	$\lambda/10$	$R_{avg} > 88\% @$ 190 - 195nm $R_{avg} > 85\% @$ 200 - 600nm	Enhanced Aluminum (190- 600nm)	0	6.00	#48-567	€255,00 Qty 6+ €205,00	3-4 days
15.00	$\lambda/10$	$R_{avg} \geq 92\% @$ 190 - 250nm $R_{avg} \geq 83\% @$ 250 - 900nm	Enhanced Aluminum (190- 900nm)	0	3.00	#18-742	€295,00 Qty 6+ €237,00	3-4 days
20.00	$\lambda/10$	$R_{avg} \geq 92\% @$ 190 - 250nm $R_{avg} \geq 83\% @$ 250 - 900nm	Enhanced Aluminum (190- 900nm)	0	3.00	#18-743	€305,00 Qty 6+ €245,00	3-4 days
25.00	$\lambda/10$	$R_{avg} \geq 92\% @$ 190 - 250nm $R_{avg} \geq 83\% @$ 250 - 900nm	Enhanced Aluminum (190- 900nm)	0	6.00	#18-744	€315,00 Qty 6+ €249,00	In Stock
25.00	$\lambda/10$	$R_{avg} > 88\% @$ 190 - 195nm $R_{avg} > 85\% @$ 200 - 600nm	Enhanced Aluminum (190- 600nm)	0	6.00	#48-568	€275,00 Qty 6+ €216,00	In Stock
30.00	$\lambda/10$	$R_{avg} \geq 92\% @$ 190 - 250nm $R_{avg} \geq 83\% @$ 250 - 900nm	Enhanced Aluminum (190- 900nm)	0	5.00	#18-745	€320,00 Qty 6+ €258,00	3-4 days
35.00	$\lambda/10$	$R_{avg} \geq 92\% @$ 190 - 250nm $R_{avg} \geq 83\% @$ 250 - 900nm	Enhanced Aluminum (190- 900nm)	0	5.00	#18-746	€340,00 Qty 6+ €271,00	3-4 days

40.00	$\lambda/10$	$R_{avg} \geq 92\%$ @ 190 - 250nm $R_{avg} \geq 83\%$ @ 250 - 900nm	Enhanced Aluminum (190- 900nm)	0	5.00	#18-747	€355,00 Qty 6+ €287,00	3-4 days
50.00	$\lambda/10$	$R_{avg} \geq 92\%$ @ 190 - 250nm $R_{avg} \geq 83\%$ @ 250 - 900nm	Enhanced Aluminum (190- 900nm)	0	10.00	#18-748	€399,00 Qty 6+ €321,00	3-4 days
50.00	$\lambda/10$	$R_{avg} > 88\%$ @ 190 - 195nm $R_{avg} > 85\%$ @ 200 - 600nm	Enhanced Aluminum (190- 600nm)	0	10.00	#48-569	€345,00 Qty 6+ €276,00	3-4 days



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