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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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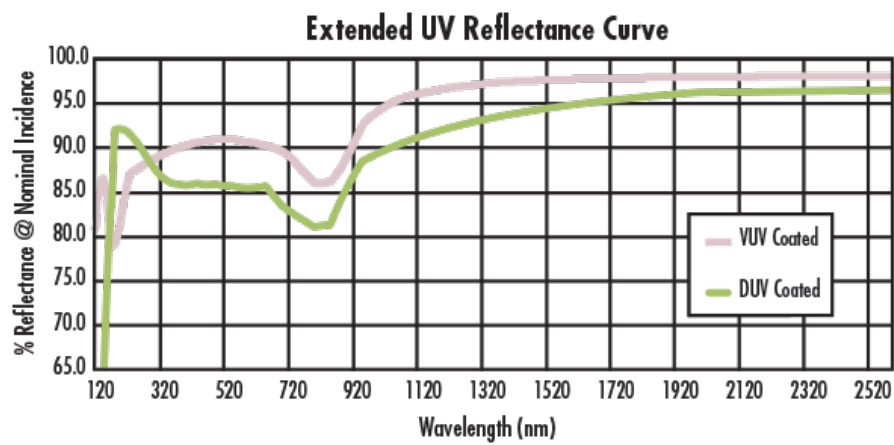
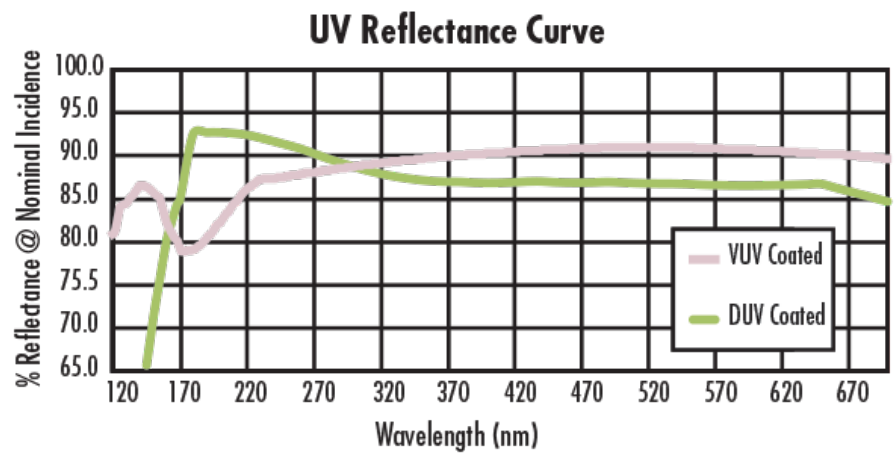
Coating Type:	Metal
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Angle of Incidence (°):	0
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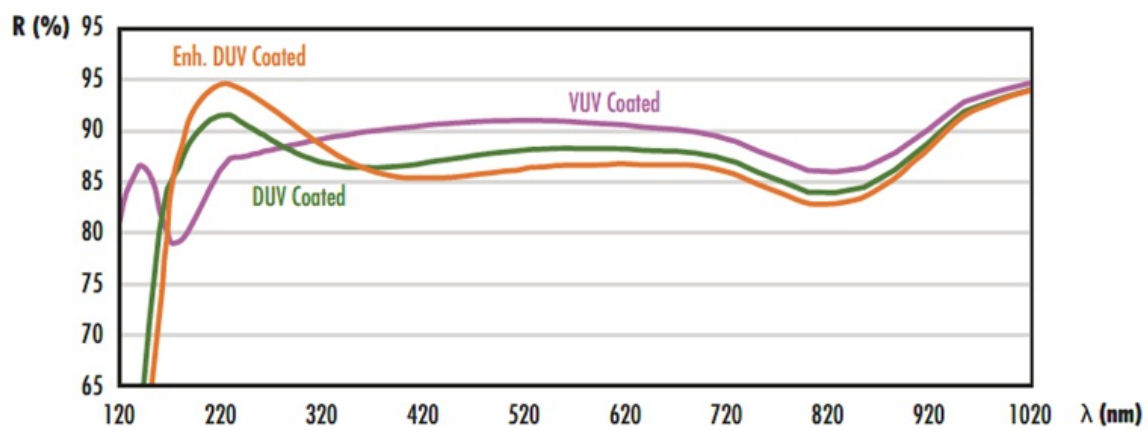
Material Properties

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	A\$412.00 Volume Pricing	14 In Stock
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	A\$428.48 Volume Pricing	20+ In Stock
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	A\$444.96 Volume Pricing	7 In Stock
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	A\$453.20 Volume Pricing	14 In Stock
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	A\$469.68 Volume Pricing	5 In Stock
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	A\$469.68 Volume Pricing	20+ 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	A\$486.16 Volume Pricing	9 In Stock
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	A\$494.40 Volume Pricing	20+ In Stock
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	A\$519.12 Volume Pricing	20+ In Stock

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	A\$626.24 Volume Pricing	12 In Stock
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	A\$453.20 Volume Pricing	12 In Stock
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	A\$469.68 Volume Pricing	10 In Stock
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	A\$477.92 Volume Pricing	2 In Stock
12.50	$\lambda/10$	$R_{avg} > 88\% @$ 190 - 195nm $R_{avg} > 85\% @$ 200 - 600nm	Enhanced Aluminum (190- 600nm)	0	6.00	#48-567	A\$420.24 Volume Pricing	20+ In Stock
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	A\$486.16 Volume Pricing	20+ In Stock
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	A\$502.64 Volume Pricing	13 In Stock
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	A\$519.12 Volume Pricing	11 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	A\$453.20 Volume Pricing	20+ 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	A\$527.36 Volume Pricing	11 In Stock
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	A\$560.32 Volume Pricing	10 In Stock

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	A\$585.04 Volume Pricing	12 In Stock
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	A\$657.55 Volume Pricing	20+ In Stock
50.00	$\lambda/10$	$R_{avg} > 88\%$ @ 190 - 195nm $R_{avg} > 85\%$ @ 200 - 600nm	Enhanced Aluminum (190- 600nm)	0	10.00	#48-569	A\$568.56 Volume Pricing	20+ In Stock



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