

[All Products](#) / [Laser Optics](#) / [Laser Windows](#) / [Laser Line Windows](#)

TECHSPEC® $\lambda/10$ Ultra-Low Reflectivity Windows

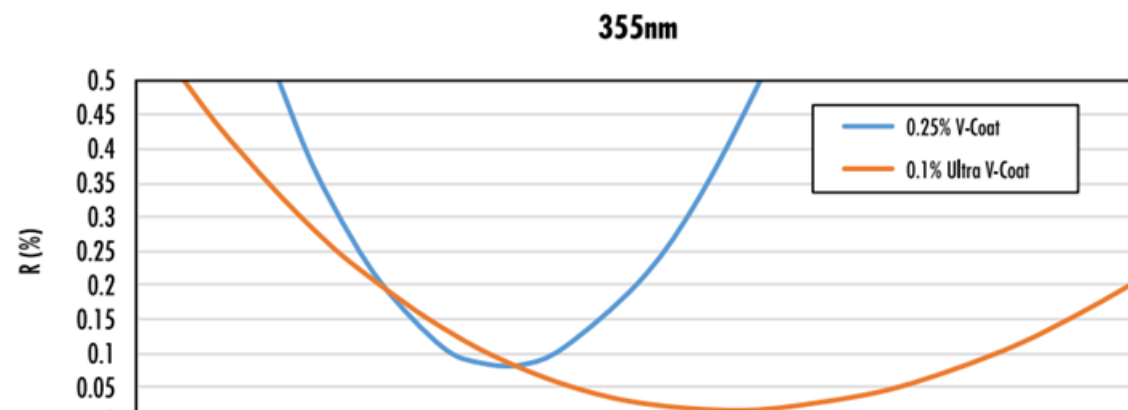
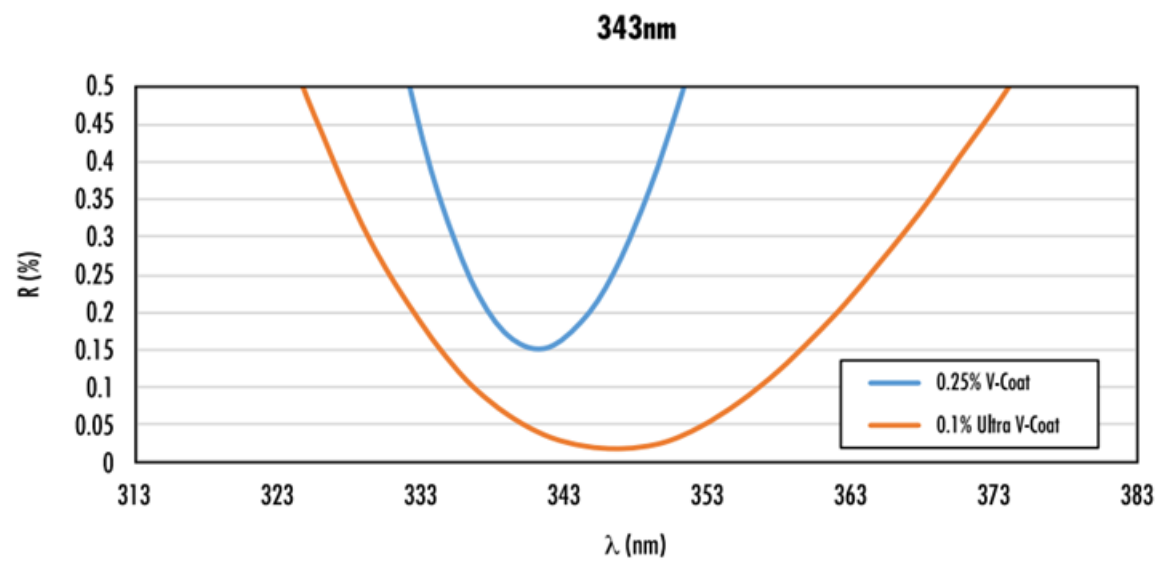
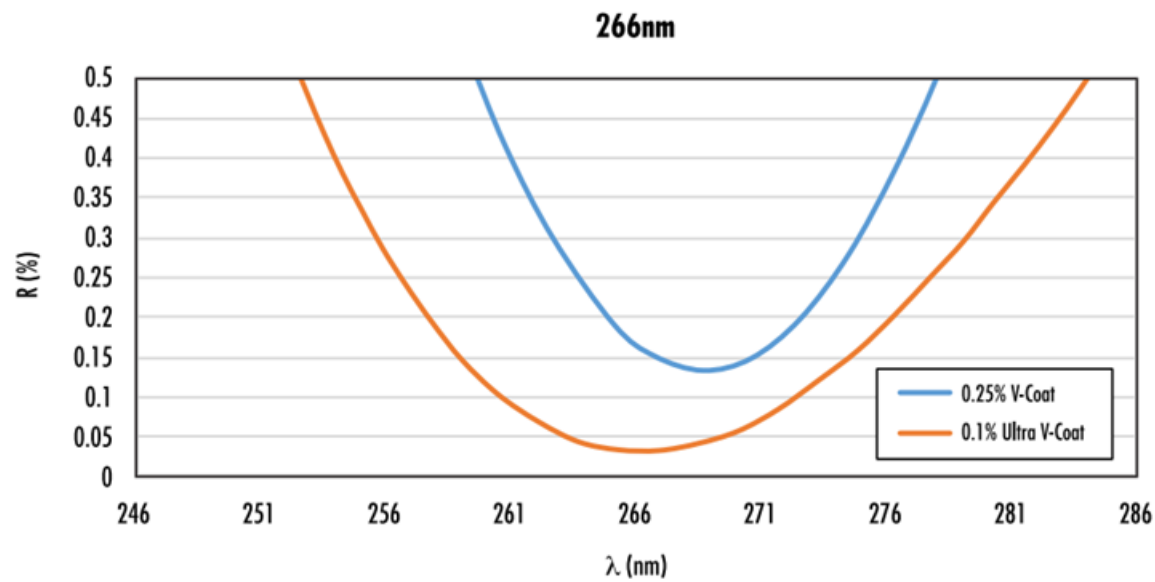


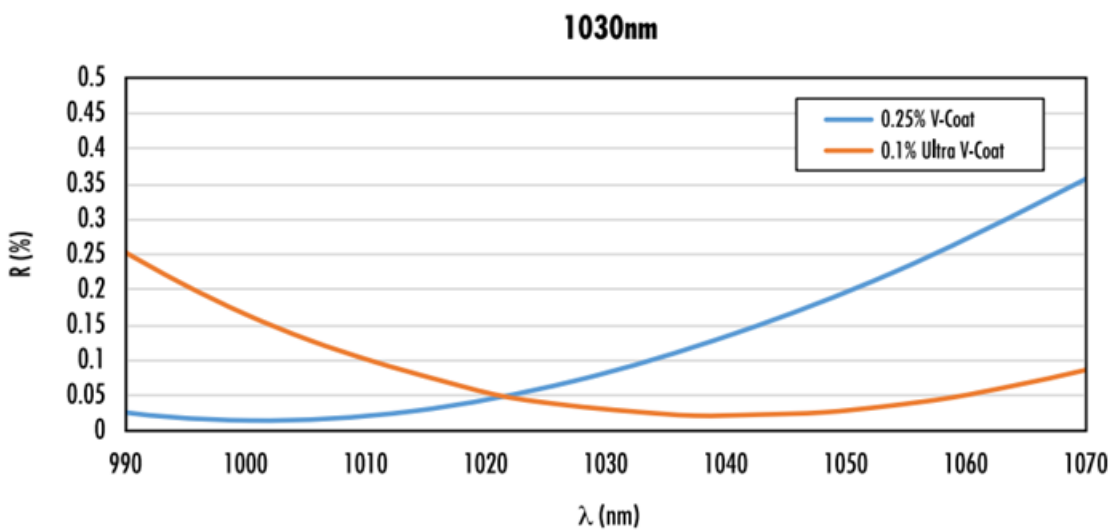
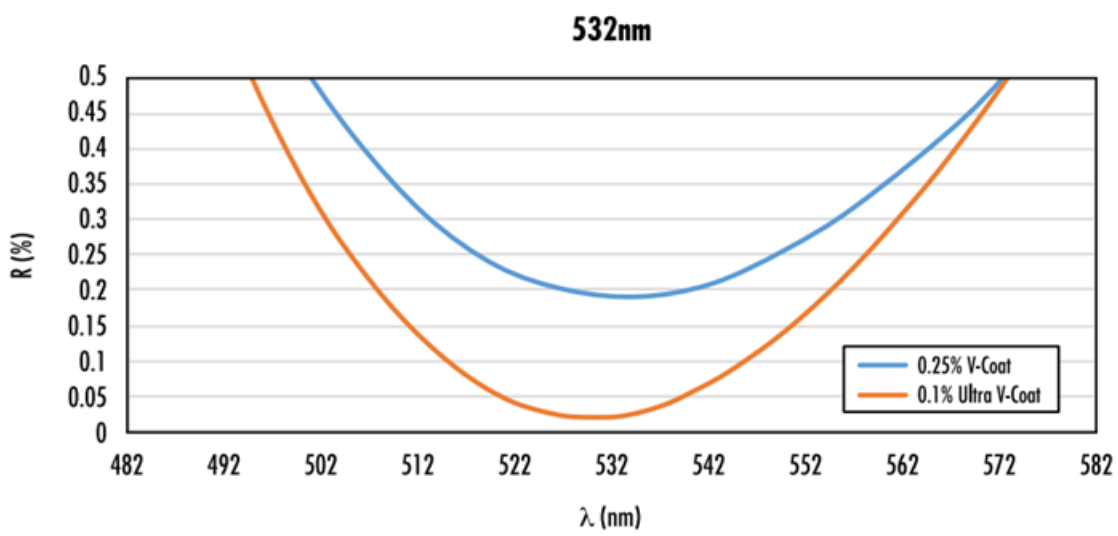
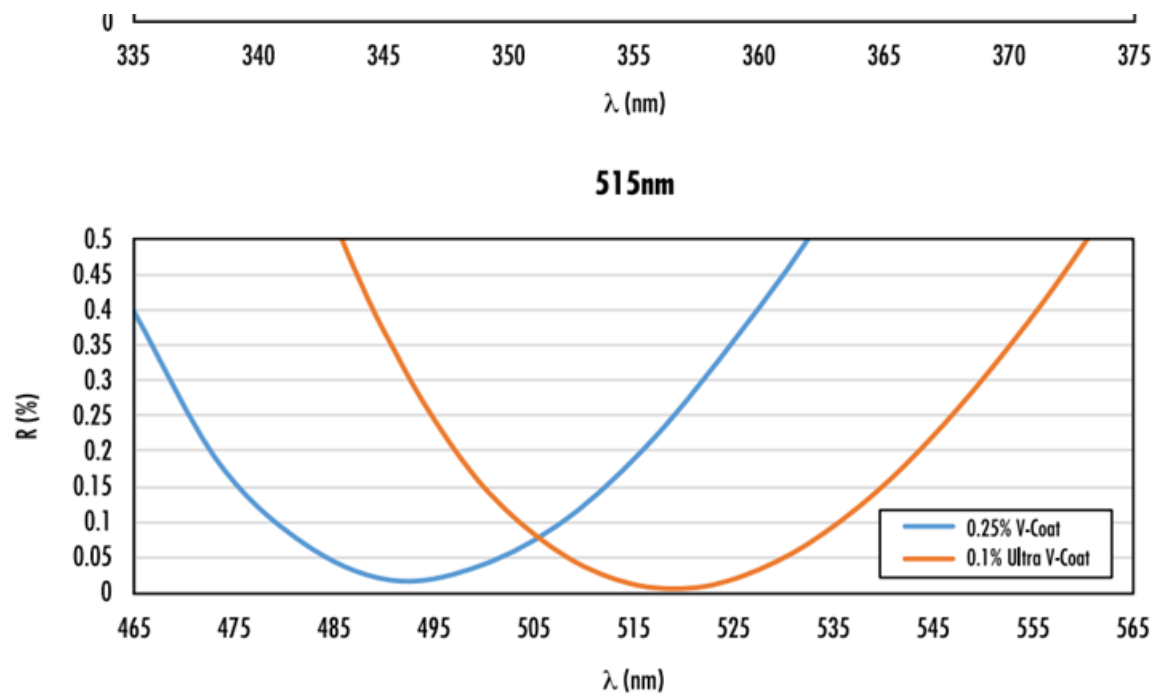
- <0.1% Reflectivity Laser Line Coatings
- Nd:YAG and Yb:YAG Wavelength Options
- Reduce Typical Laser System Losses by 3% (Compared to a 0.25% Specified System with 10 Transmissive Optics)
- Increased Transmission Reduces Back Reflections, Ghost Images, and Stray Light

Common Specifications

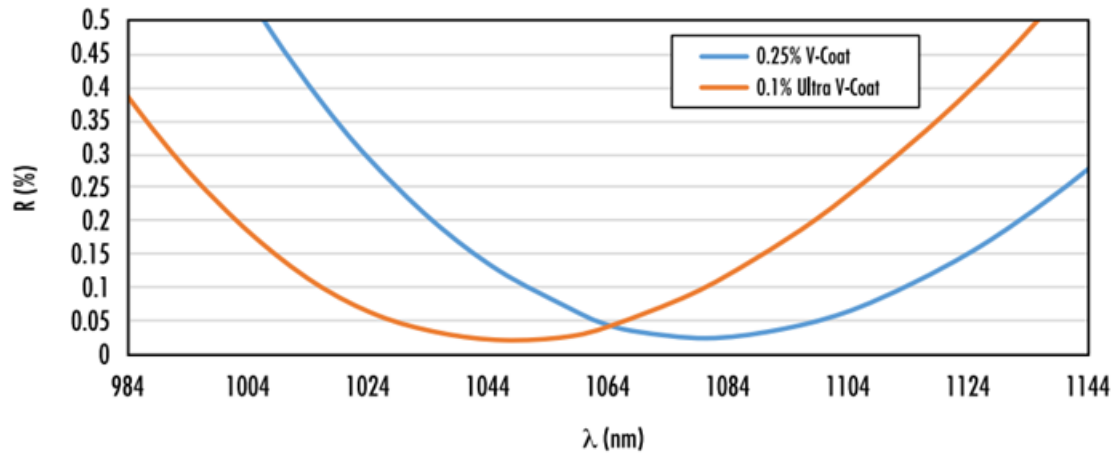
Physical & Mechanical Properties			
Parallelism (arcmin):	<3	Bevel:	Protective as needed
Clear Aperture (%):	90	Edges:	Fine Ground
Poisson's Ratio:	0.16	Young's Modulus (GPa):	73
Knoop Hardness (kg/mm ²):	522.00		
Optical Properties			
Angle of Incidence (°):	0		
Substrate:	Fused Silica (Corning 7980)	Index of Refraction (n _d):	1.458
Surface Quality:	10-5	Abbe Number (v _d):	67.8
Surface Flatness (P-V):	λ/10		
Material Properties			
Density (g/cm ³):	2.20		
Coefficient of Thermal Expansion CTE (10 ⁻⁶ /°C):	0.52 (+5 to +35°C) 0.57 (0 to +200°C) 0.48 (-100 to +200°C)	Fused Silica Grade:	7980 0F

Technical Information





1064nm



Products

Coating	Dia. (mm)	Thickness (mm)	DWL (nm)	Stock Number	Price	Buy
#11-224 Clearance						
						
Clearance						
Laser Ultra V- Coat (266nm)	38.10	6.35	266	Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.	£84.96	20+ In Stock
#11-258 Clearance						
						
Clearance						
Laser Ultra V- Coat (515nm)	50.80	9.53	515	Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.	£169.96	17 In Stock

[#11-259 Clearance](#)



Clearance

Laser
Ultra V-
Coat
(532nm)

12.70

6.35

532

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

£59.46

5 In Stock

[#11-261 Clearance](#)



Clearance

Laser
Ultra V-
Coat
(532nm)

19.10

6.35

532

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

£84.96

20+ In Stock

[#11-264 Clearance](#)



Clearance

Laser
Ultra V-
Coat
(532nm)

38.10

6.35

532

Availability is
limited, so buy
before these
products
disappear.
Sorry, we
cannot accept
returns. Receive
up to 80% off
select products.

£84.96

10 In Stock

[#11-266 Clearance](#)



Clearance

Laser
Ultra V-
Coat
(532nm)

50.80

9.53

532

Availability is
limited, so buy
before these
products
disappear.
Sorry, we
cannot accept
returns. Receive
up to 80% off
select products.

£169.96

4 In Stock

[#11-267 Clearance](#)



Clearance

Laser
Ultra V-
Coat
(1030nm)

12.70

6.35

1030

Availability is
limited, so buy
before these
products
disappear.
Sorry, we
cannot accept
returns. Receive
up to 80% off
select products.

£59.46

15 In Stock

[#11-272 Clearance](#)



Clearance

Laser
Ultra V-
Coat
(1030nm)

38.10

6.35

1030

Availability is
limited, so buy
before these
products
disappear.
Sorry, we
cannot accept
returns. Receive
up to 80% off
select products.

£84.96

8 In Stock

[#11-274 Clearance](#)



Clearance

Laser
Ultra V-
Coat
(1030nm)

50.80

9.53

1030

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

£169.96

1 In Stock

[#11-277 Clearance](#)



Clearance

Laser
Ultra V-
Coat
(1064nm)

19.10

6.35

1064

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

£84.96

20+ In Stock



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