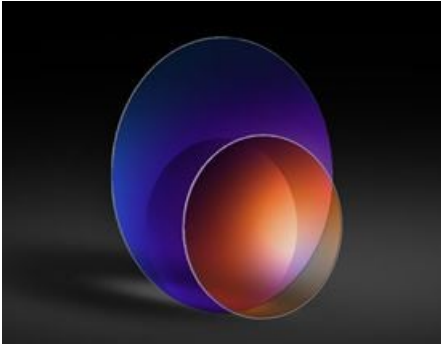


[All Products](#) / [Optics](#) / [Windows and Diffusers](#) / [Visible Windows](#)

TECHSPEC® Ultra-Thin Fused Silica Windows

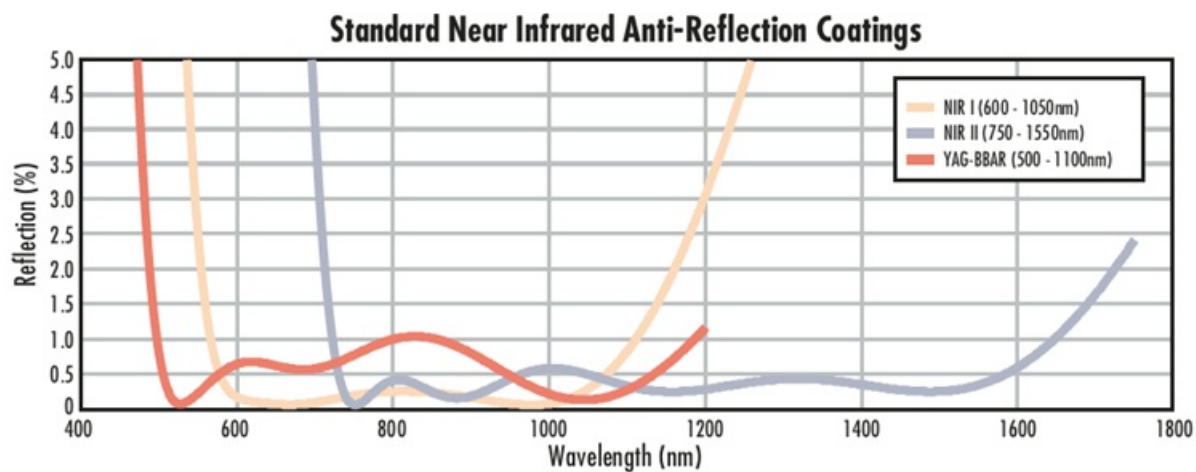
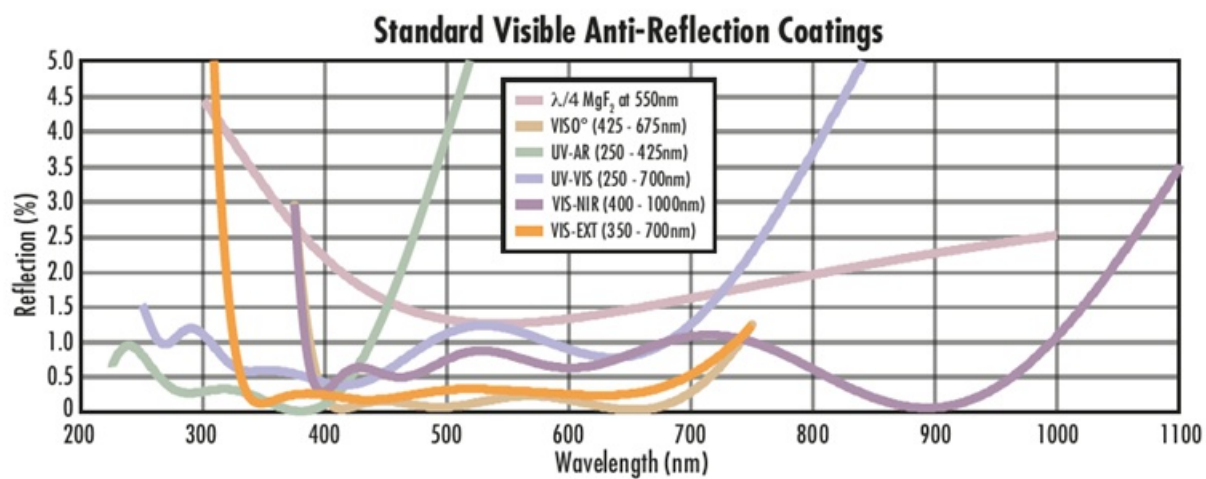


- Ultra-Thin 0.20mm Thickness
- UV Fused Silica Substrates
- Extremely Lightweight

Common Specifications

Physical & Mechanical Properties			
Bevel:	Protective as needed	Thickness (mm):	0.20 ±0.025
Edges:	Fine Ground	Knoop Hardness (kg/mm ²):	522.00
Parallelism (arcsec):	<1	Poisson's Ratio:	0.16
Young's Modulus (GPa):	73		
Optical Properties			
Abbe Number (v _d):	64.17		
Index of Refraction (n _d):	1.458	Surface Quality:	60-40
Transmitted Wavefront, P-V:	λ/2		
Material Properties			
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)	

Technical Information



Products

Dia. (mm)	Thickness (mm)	Coating	Stock Number	Price	Buy
5.00	0.20	Uncoated	#24-224	£113.82 Volume Pricing	20+ In Stock
5.00	0.20	UV-VIS (250-700nm)	#24-232	£132.20 Volume Pricing	14 In Stock
5.00	0.20	VIS-NIR (400-1000nm)	#24-241	£132.20 Volume Pricing	Contact Us
#75-466 New					
					
New					
5.00	0.20	NIR II (750-1550nm)	Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!	£144.46 Volume Pricing	5 In Stock
#75-461 New					
					
New					
5.00	0.20	UV-AR (250-425nm)	Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!	£144.46 Volume Pricing	1 In Stock
10.00	0.20	Uncoated	#24-225	£113.82 Volume Pricing	20+ In Stock
10.00	0.20	UV-VIS (250-700nm)	#24-233	£132.20 Volume Pricing	2 In Stock

10.00	0.20	VIS-NIR (400-1000nm)	#24-242	£132.20 Volume Pricing	8 In Stock
#75-462 New					
					
New					
10.00	0.20	UV-AR (250-425nm)	Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!	£144.46 Volume Pricing	8 In Stock
#75-467 New					
					
New					
10.00	0.20	NIR II (750-1550nm)	Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!	£144.46 Volume Pricing	8 In Stock
12.50	0.20	Uncoated	#24-226	£113.82 Volume Pricing	20+ In Stock
12.50	0.20	UV-VIS (250-700nm)	#24-234	£132.20 Volume Pricing	2 In Stock
12.50	0.20	VIS-NIR (400-1000nm)	#24-243	£132.20 Volume Pricing	Contact Us

[#75-463 New](#)



New

12.50	0.20	UV-AR (250-425nm)	Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!	£144.46 Volume Pricing	9 In Stock
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[#75-470 New](#)



New

12.50	0.20	NIR II (750-1550nm)	Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!	£144.46 Volume Pricing	8 In Stock
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20.00	0.20	Uncoated	#24-227	£132.20 Volume Pricing	20+ In Stock
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20.00	0.20	UV-VIS (250-700nm)	#24-235	£150.59 Volume Pricing	5 In Stock
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20.00	0.20	VIS-NIR (400-1000nm)	#24-244	£150.59 Volume Pricing	17 In Stock
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[#75-464 New](#)



New

20.00	0.20	UV-AR (250-425nm)	Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!	£161.97 Volume Pricing	9 In Stock
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[#75-471 New](#)



New

20.00	0.20	NIR II (750-1550nm)	Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!	£161.97 Volume Pricing	9 In Stock
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25.00	0.20	Uncoated	#24-228	£150.59 Volume Pricing	20+ In Stock
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25.00	0.20	UV-VIS (250-700nm)	#24-237	£168.10 Volume Pricing	14 In Stock
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25.00	0.20	VIS-NIR (400-1000nm)	#24-245	£168.10 Volume Pricing	8 In Stock
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[#75-465 New](#)



New

25.00	0.20	UV-AR (250-425nm)	Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!	£179.48 Volume Pricing	17 In Stock
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[#75-475 New](#)



New

25.00	0.20	NIR II (750-1550nm)	Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!	£179.48 Volume Pricing	15 In Stock
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