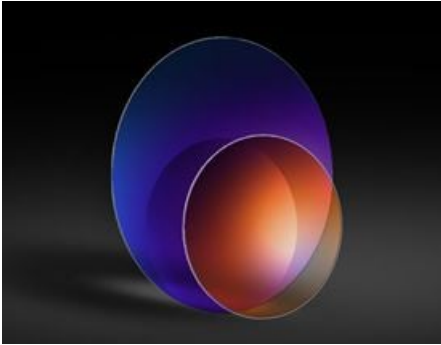


[All Products](#) / [Optics](#) / [Windows and Diffusers](#) / [Visible Windows](#)

TECHSPEC® Ultra-Thin Fused Silica Windows

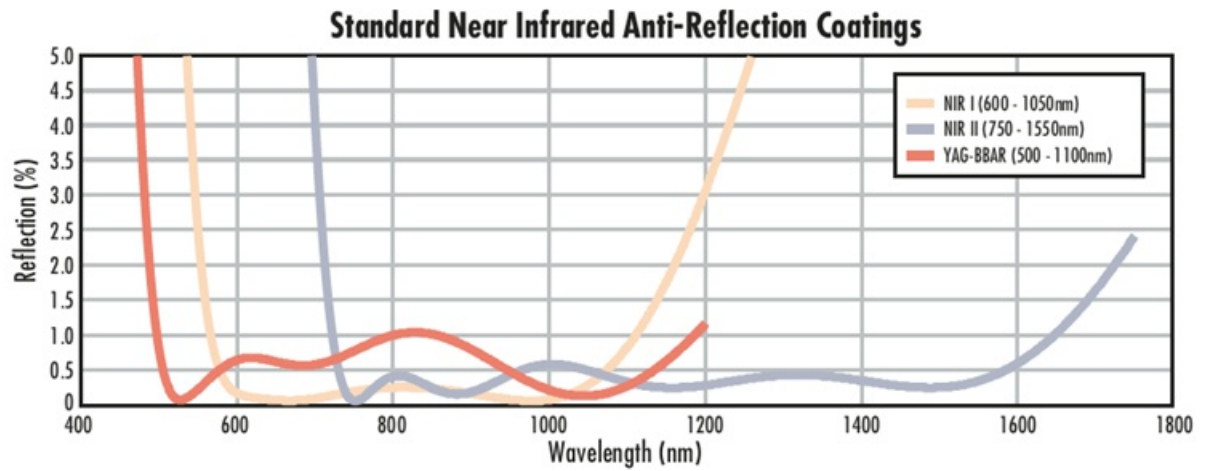
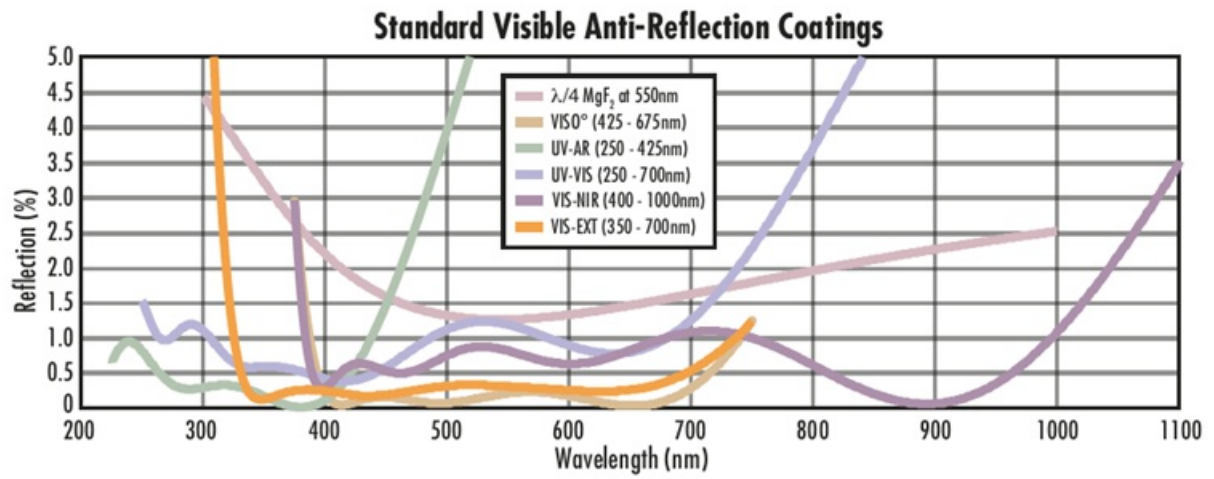


- Ultra-Thin 0.20mm Thickness
- UV Fused Silica Substrates
- Extremely Lightweight

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	S\$208.60 Volume Pricing	20+ In Stock
5.00	0.20	UV-VIS (250-700nm)	#24-232	S\$242.20 Volume Pricing	14 In Stock
5.00	0.20	VIS-NIR (400-1000nm)	#24-241	S\$242.20 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!	S\$264.60 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!	S\$264.60 Volume Pricing	1 In Stock
10.00	0.20	Uncoated	#24-225	S\$208.60 Volume Pricing	20+ In Stock
10.00	0.20	UV-VIS (250-700nm)	#24-233	S\$242.20 Volume Pricing	Contact Us

10.00	0.20	VIS-NIR (400-1000nm)	#24-242	S\$242.20 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!	S\$246.43 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!	S\$264.60 Volume Pricing	8 In Stock
12.50	0.20	Uncoated	#24-226	S\$208.60 Volume Pricing	20+ In Stock
12.50	0.20	UV-VIS (250-700nm)	#24-234	S\$225.52 Volume Pricing	2 In Stock
12.50	0.20	VIS-NIR (400-1000nm)	#24-243	S\$242.20 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!	S\$264.60 Volume Pricing	9 In Stock
-------	------	----------------------	--	---	------------

[#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!	S\$264.60 Volume Pricing	8 In Stock
-------	------	------------------------	--	---	------------

20.00	0.20	Uncoated	#24-227	S\$242.20 Volume Pricing	20+ In Stock
-------	------	----------	-------------------------	---	--------------

20.00	0.20	UV-VIS (250-700nm)	#24-235	S\$275.80 Volume Pricing	5 In Stock
-------	------	-----------------------	-------------------------	---	------------

20.00	0.20	VIS-NIR (400-1000nm)	#24-244	S\$275.80 Volume Pricing	17 In Stock
-------	------	-------------------------	-------------------------	---	-------------

[#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!	S\$296.80 Volume Pricing	9 In Stock
-------	------	----------------------	--	---	------------

[#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!	S\$296.80 Volume Pricing	9 In Stock
-------	------	------------------------	--	---	------------

25.00	0.20	Uncoated	#24-228	S\$256.88 Volume Pricing	20+ In Stock
-------	------	----------	-------------------------	---	--------------

25.00	0.20	UV-VIS (250-700nm)	#24-237	S\$308.00 Volume Pricing	14 In Stock
-------	------	-----------------------	-------------------------	---	-------------

25.00	0.20	VIS-NIR (400-1000nm)	#24-245	S\$308.00 Volume Pricing	8 In Stock
-------	------	-------------------------	-------------------------	---	------------

[#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!	S\$327.60 Volume Pricing	17 In Stock
-------	------	----------------------	--	---	-------------

[#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!	S\$327.60 Volume Pricing	15 In Stock
-------	------	------------------------	--	---	-------------



Copyright 2024, Edmund Optics Singapore Pte. Ltd, 18 Woodlands Loop #04-00, Singapore 738100
[PRIVACY POLICY](#) [COOKIE POLICY](#) [TERMS & CONDITIONS](#)

Phone: 1-800-363-1992 :
www.edmundoptics.com