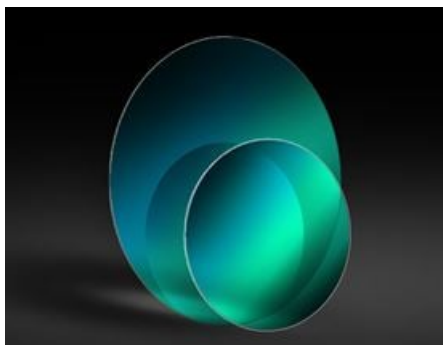


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TECHSPEC® Ultra-Thin N-BK7 Windows See More by [SCHOTT Optical Components](#)


- Ultra-Thin 0.20mm Thickness
- Precision N-BK7 Substrate
- Extremely Lightweight

Common Specifications

Physical & Mechanical Properties

Bevel:	Protective as needed	Edges:	Fine Ground
Knoop Hardness (kg/mm²):	610.00	Parallelism (arcsec):	<30
Poisson's Ratio:	0.21	Young's Modulus (GPa):	82

Optical Properties

Abbe Number (v_d):	64.17	Index of Refraction (n_d):	1.516
Substrate:	N-BK7	Transmitted Wavefront, P-V:	$\lambda/2$

Material Properties

Density (g/cm³):	2.51
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Technical Information

Products

Dia. (mm)	Thickness (mm)	Coating	Stock Number	Price	Buy
5.00	0.20	Uncoated	#66-184	C\$149.80 Volume Pricing	20+ In Stock
10.00	0.20	Uncoated	#66-185	C\$149.80 Volume Pricing	20+ In Stock
12.50	0.20	Uncoated	#66-186	C\$149.80 Volume Pricing	20+ In Stock
20.00	0.20	Uncoated	#66-187	C\$149.80 Volume Pricing	20+ In Stock
25.00	0.20	Uncoated	#66-188	C\$179.20 Volume Pricing	20+ In Stock
30.00	0.20	Uncoated	#66-189	C\$215.60 Volume Pricing	20+ In Stock
40.00	0.20	Uncoated	#66-190	C\$228.20 Volume Pricing	20+ In Stock
50.00	0.20	Uncoated	#66-191	C\$287.00 Volume Pricing	20+ In Stock
5.00	0.20	MgF ₂ (400-700nm)	#66-192	C\$166.60 Volume Pricing	20+ In Stock
10.00	0.20	MgF ₂ (400-700nm)	#66-193	C\$166.60 Volume Pricing	20+ In Stock
12.50	0.20	MgF ₂ (400-700nm)	#66-194	C\$166.60 Volume Pricing	20+ In Stock
20.00	0.20	MgF ₂ (400-700nm)	#66-195	C\$166.60 Volume Pricing	15 In Stock
25.00	0.20	MgF ₂ (400-700nm)	#66-196	C\$194.60 Volume Pricing	20+ In Stock
30.00	0.20	MgF ₂ (400-700nm)	#66-197	C\$242.20 Volume Pricing	20+ In Stock
40.00	0.20	MgF ₂ (400-700nm)	#66-198	C\$254.80 Volume Pricing	20+ In Stock
50.00	0.20	MgF ₂ (400-700nm)	#66-199	C\$312.20 Volume Pricing	7 In Stock
5.00	0.20	VIS 0° (425-675nm)	#83-099	C\$182.00 Volume Pricing	20+ In Stock

10.00	0.20	VIS 0° (425-675nm)	#83-100	C\$182.00 Volume Pricing	11 In Stock
12.50	0.20	VIS 0° (425-675nm)	#83-101	C\$182.00 Volume Pricing	20+ In Stock
20.00	0.20	VIS 0° (425-675nm)	#83-102	C\$182.00 Volume Pricing	20+ In Stock
25.00	0.20	VIS 0° (425-675nm)	#83-103	C\$212.80 Volume Pricing	20+ In Stock
30.00	0.20	VIS 0° (425-675nm)	#83-104	C\$257.60 Volume Pricing	20+ In Stock
40.00	0.20	VIS 0° (425-675nm)	#83-105	C\$270.20 Volume Pricing	20+ In Stock
50.00	0.20	VIS 0° (425-675nm)	#83-106	C\$327.60 Volume Pricing	20+ In Stock
5.00	0.20	VIS-NIR (400-1000nm)	#22-036	C\$182.00 Volume Pricing	15 In Stock
10.00	0.20	VIS-NIR (400-1000nm)	#22-037	C\$182.00 Volume Pricing	9 In Stock
12.50	0.20	VIS-NIR (400-1000nm)	#22-038	C\$182.00 Volume Pricing	12 In Stock
20.00	0.20	VIS-NIR (400-1000nm)	#22-039	C\$182.00 Volume Pricing	7 In Stock
25.00	0.20	VIS-NIR (400-1000nm)	#22-040	C\$212.80 Volume Pricing	10 In Stock
30.00	0.20	VIS-NIR (400-1000nm)	#22-041	C\$257.60 Volume Pricing	3 In Stock
40.00	0.20	VIS-NIR (400-1000nm)	#22-042	C\$270.20 Volume Pricing	5 In Stock
50.00	0.20	VIS-NIR (400-1000nm)	#22-043	C\$327.60 Volume Pricing	Contact Us
5.00	0.20	NIR I (600-1050nm)	#22-044	C\$182.00 Volume Pricing	12 In Stock
10.00	0.20	NIR I (600-1050nm)	#22-045	C\$182.00 Volume Pricing	2 In Stock
12.50	0.20	NIR I (600-1050nm)	#22-046	C\$182.00 Volume Pricing	9 In Stock
20.00	0.20	NIR I (600-1050nm)	#22-047	C\$182.00 Volume Pricing	5 In Stock

25.00	0.20	NIR I (600-1050nm)	#22-048	C\$212.80 Volume Pricing	8 In Stock
30.00	0.20	NIR I (600-1050nm)	#22-049	C\$257.60 Volume Pricing	5 In Stock
40.00	0.20	NIR I (600-1050nm)	#22-050	C\$270.20 Volume Pricing	4 In Stock
50.00	0.20	NIR I (600-1050nm)	#22-051	C\$327.60 Volume Pricing	10 In Stock



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