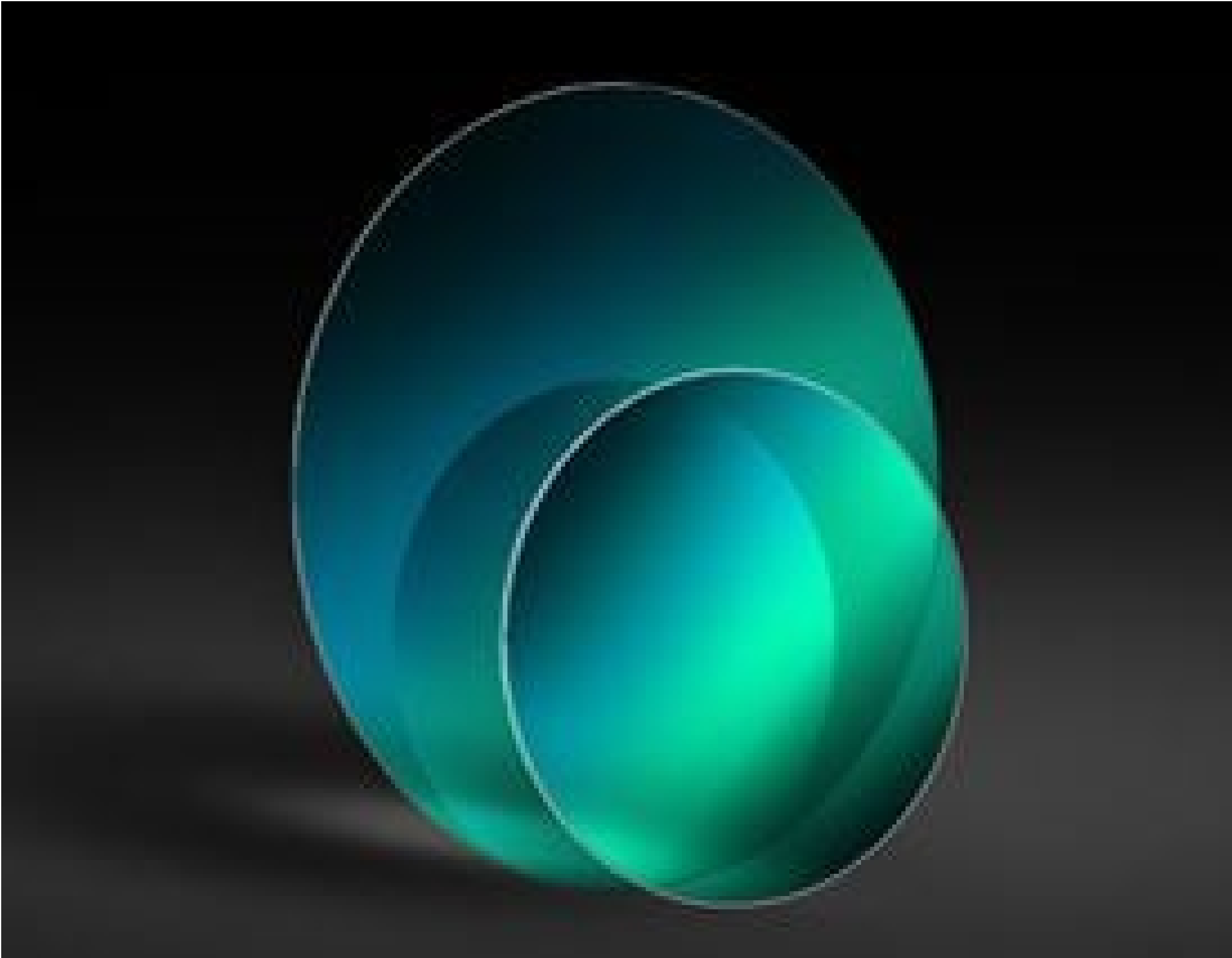


TECHSPEC<sup>®</sup> 12.5mm Diameter VIS 0° Coated, Ultra-Thin N-BK7 Window

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Ultra-Thin N-BK7 Windows

Stock #83-101 3-5 DAYS

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Abbe Number (v<sub>d</sub>):  
64.17

Bevel:  
Protective as needed

Clear Aperture CA (mm):  
11.25

|                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------|
| <div>Diameter (mm):<br/>12.50 +0.00/-0.10</div>                                                                      |
| <div>Thickness (mm):<br/>0.20 ±0.025</div>                                                                           |
| <div>Coating:<br/>VIS 0° (425-675nm)</div>                                                                           |
| <div>Coating Specification:<br/>R<sub>avg</sub> ≤0.4% @ 425 - 675nm</div>                                            |
| <div>Coefficient of Thermal Expansion CTE (10<sup>-6</sup>/°C):<br/>7.1 (-30 to +70°C)<br/>8.3 (+20 to +300°C)</div> |
| <div>Density (g/cm³):<br/>2.51</div>                                                                                 |
| <div>Edges:<br/>Fine Ground</div>                                                                                    |
| <div>Index of Refraction n<sub>d</sub>:<br/>1.516</div>                                                              |
| <div>Knoop Hardness (kg/mm²):<br/>610</div>                                                                          |
| <div>Parallelism (arcsec):<br/>&lt;30</div>                                                                          |
| <div>Poisson's Ratio:<br/>0.206</div>                                                                                |
| <div>Substrate:<br/><a href="#">N-BK7</a></div>                                                                      |
| <div>Surface Quality:<br/>20-10</div>                                                                                |
| <div>Transmitted Wavefront, P-V:<br/>λ/2</div>                                                                       |
| <div>Type:<br/>Protective Window</div>                                                                               |
| <div>Wavelength Range (nm):<br/>425 - 675</div>                                                                      |
| <div>Young's Modulus (GPa):<br/>82</div>                                                                             |
| <div>Damage Threshold, By Design: <input type="checkbox"/><br/>5 J/cm² @ 532nm, 10ns</div>                           |

## Regulatory Compliance

|                                                                 |
|-----------------------------------------------------------------|
| <div>RoHS 2015:<br/><a href="#">Compliant</a></div>             |
| <div>Certificate of Conformance:<br/><a href="#">View</a></div> |
| <div>Reach 235:<br/><a href="#">Compliant</a></div>             |