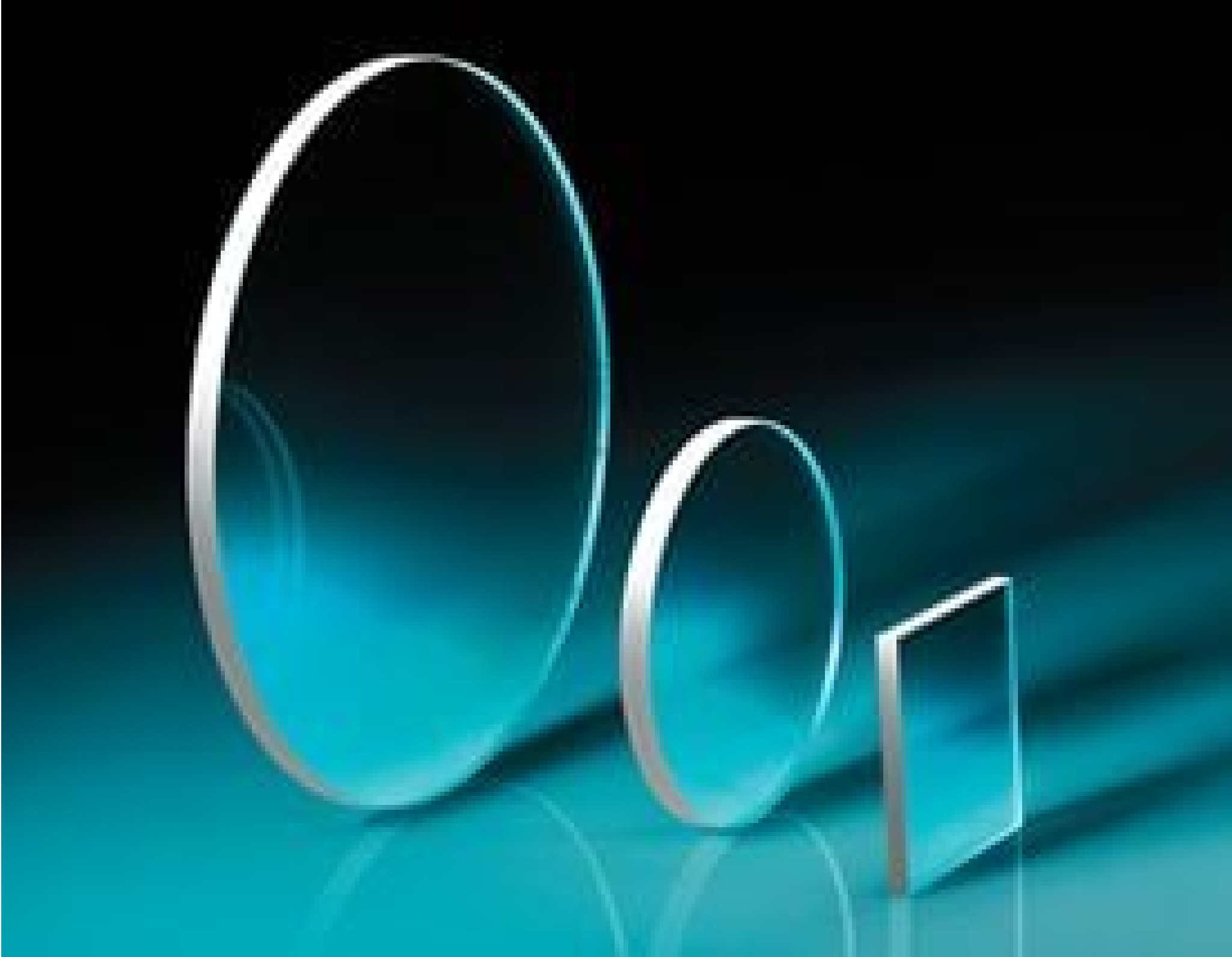


TECHSPEC® 40mm Dia., 4mm Thick, NIR II Coated λ/4 N-BK7 Window



Stock **#25-819** NEW 3-4 DAYS

- 1 + **€117,50**

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Qty 1-5
€117,50

Qty 6+
€94,00

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Abbe Number (v_d):
64.17

Bevel:
Protective as needed

Clear Aperture (%):
90

Clear Aperture CA (mm): 36.00
Diameter (mm): 40.00 +0.00/-0.25
Thickness (mm): 4.00 ±0.20
Coating: NIR II (750-1550nm)
Coating Specification: R_{abs} ≤1.5% @ 750 - 800nm R_{abs} ≤1.0% @ 800 - 1550nm R_{avg} ≤0.7% @ 750 - 1550nm
Coefficient of Thermal Expansion CTE (10⁻⁶/°C): 7.1 (-30 to +70 °C) 8.3 (+20 to +300 °C)
Density (g/cm³): 2.51
Edges: Fine Ground
Index of Refraction n_d: 1.516
Knoop Hardness (kg/mm²): 610
Parallelism (arcmin): <1
Poisson's Ratio: 0.206
Substrate: N-BK7
Surface Flatness (P-V): λ/4
Surface Quality: 60-40
Type: Protective Window
Wavelength Range (nm): 750 - 1550
Young's Modulus (GPa): 82
Damage Threshold, By Design: ☐ 8 J/cm² @ 1064nm, 10ns

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant