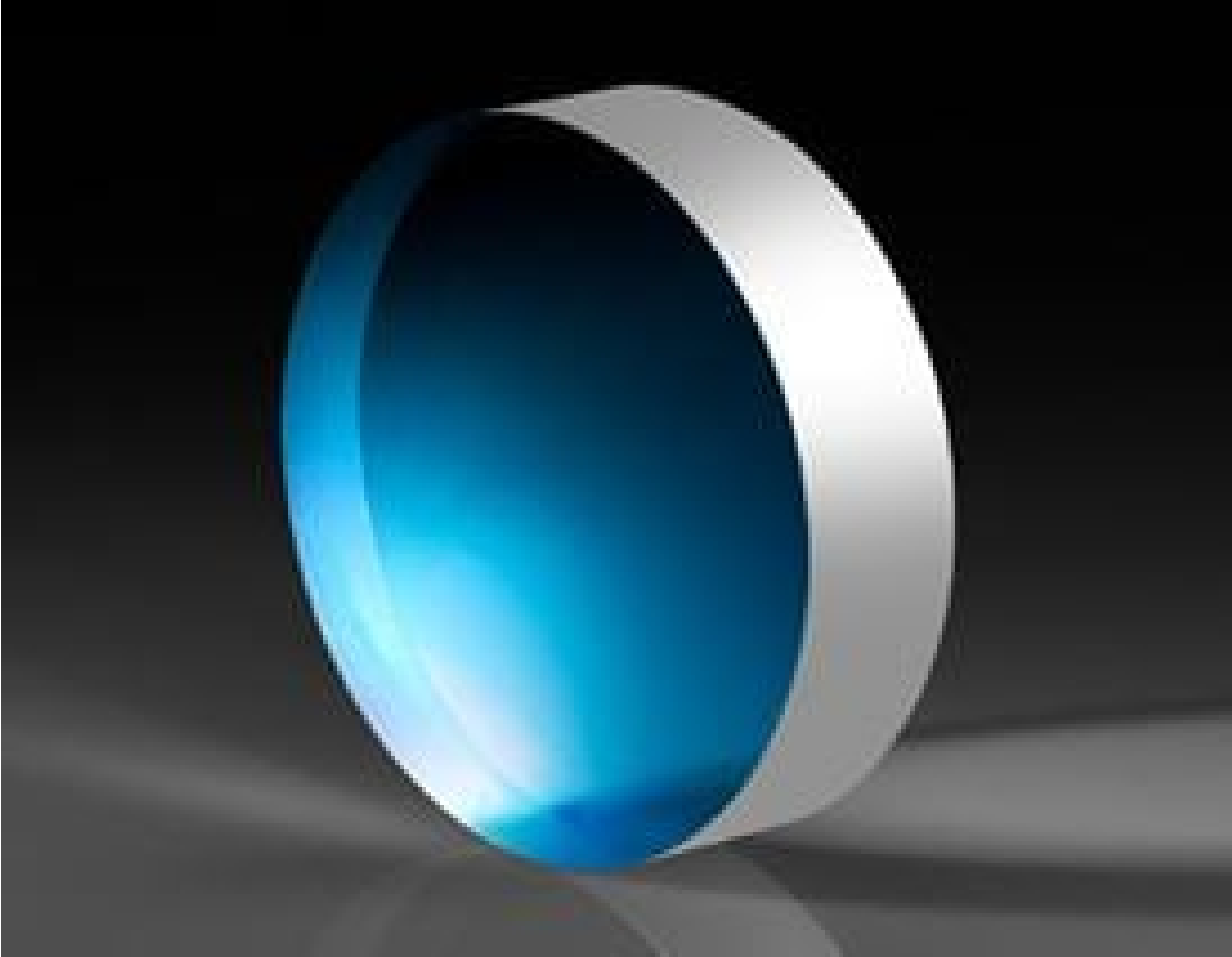


TECHSPEC® 8" Dia. λ /10 Fused Silica Dual Surface Flat



Stock **#43-434** ☒ In Stock

1 **C\$4,935.00**

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Surface Flatness (P-V): λ /10
Abbe Number (v_d): 67.8
Coating: Uncoated
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)
Diameter (mm): 203.20 ±1.0
Thickness (mm): 38.10 ±2.5
Diameter (inches): 8.00 ±0.04
Thickness (inches): 1.50 ±0.10
Clear Aperture CA (mm): 182.90
Construction: Dual Surface
Density (g/cm³): 2.20
Index of Refraction n_d: 1.458
Knoop Hardness (kg/mm²): 522
Parallelism (arcmin): <3
Poisson's Ratio: 0.16
Substrate: Fused Silica
Surface Quality: 60-40
Type: Interferometry Window
Wavelength Range (nm): 200 - 2200
Young's Modulus (GPa): 73
Bevel: Protective as needed

Regulatory Compliance

RoHS 2015: Compliant
Reach 211: Compliant
Certificate of Conformance: View