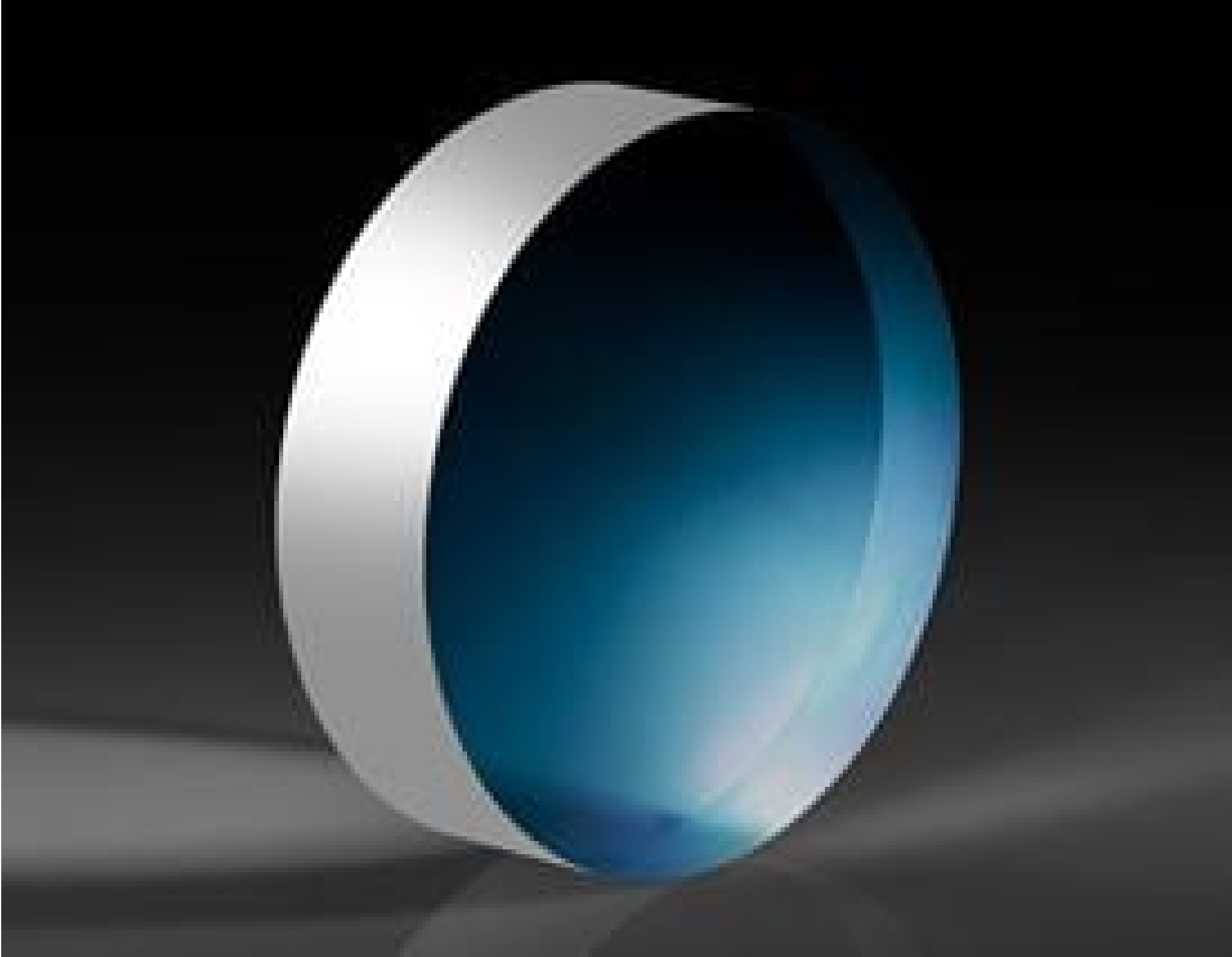


TECHSPEC® 40mm Dia. 4mm Thick MgF₂ Coated, 1λ Fused Silica Window



Stock **#11-926** ☐ In Stock

-

1

+

C\$147.00

ADD TO CART

Qty 1-5
C\$147.00
Qty 6+
C\$117.60
Volume Pricing
Request Quote

Get Product Downloads



Abbe Number (v_d):
67.8

Bevel:
Protective as needed

Clear Aperture (%):
90

Clear Aperture CA (mm):

36.00
Diameter (mm): 40.00 +0.00/-0.20
Thickness (mm): 4.00 ±0.38
Coating: MgF ₂ (400-700nm)
Coating Specification: R _{avg} ≤1.75% @ 400 - 700nm
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)
Density (g/cm³): 2.20
Edges: Fine Ground
Index of Refraction n_d: 1.458
Knoop Hardness (kg/mm²): 522
Parallelism (arcmin): <5
Poisson's Ratio: 0.16
Substrate: Fused Silica (Corning 7980)
Surface Flatness (P-V): 1λ
Surface Quality: 60-40
Type: Protective Window
Wavelength Range (nm): 400 - 700
Young's Modulus (GPa): 73
Damage Threshold, By Design: ☐ 10 J/cm² @ 532nm, 10ns

Regulatory Compliance

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