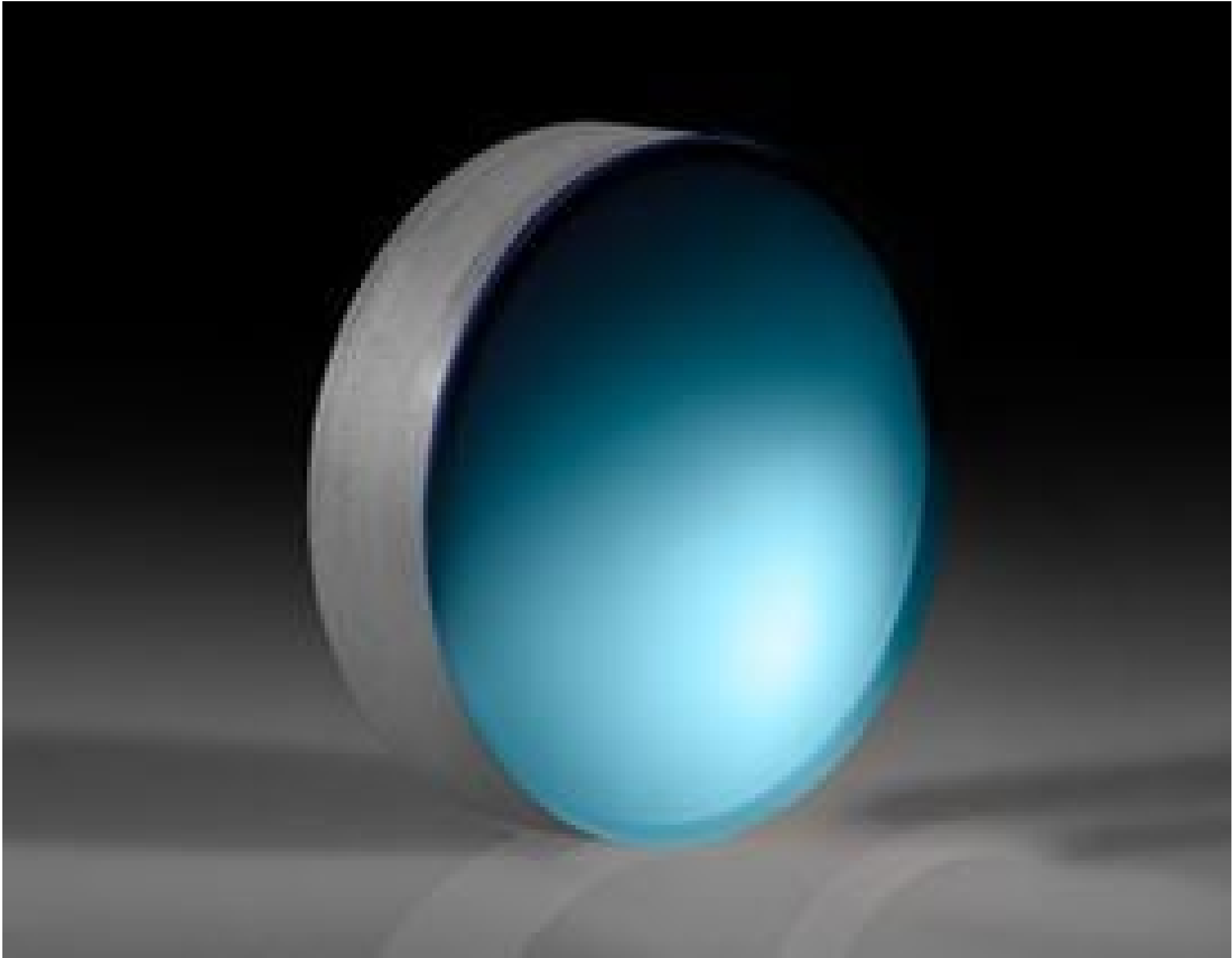


TECHSPEC® 600 - 1000nm, 25.4mm Dia. Uncoated, Silicon, Laser Mirror



Stock #90-139 NEW 1 In Stock

-

1

+

C\$147^{.00}

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Qty 1+	C\$147.00 each
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General

Type:

Flat Mirror

Physical & Mechanical Properties

Parallelism (arcmin):

<3

Clear Aperture (%):

90

Back Surface:

Commercial Polish

Diameter (mm):

25.40 +0.00/-0.10	
6.35 ±0.10	Thickness (mm):
Ground, protective bevel as needed	Edges:
Optical Properties	
40-20	Surface Quality:
N/A	Coating Specification:
0 ±30fs ² @ 600 - 1000nm	GDD Specification:
600 - 1000	Wavelength Range (nm):
λ/10	Surface Flatness (P-V):
Uncoated	Coating:
Optical Grade Silicon	Substrate: ☐
Regulatory Compliance	
View	Certificate of Conformance:

Product Details

- Silicon Substrate for Thermally Demanding Ultrafast Setups
- λ/10 Surface Flatness and 40-20 Surface Quality
- Available In Standard Diameters for Coating Flexibility and System Integration

TECHSPEC® Silicon Laser Mirror Substrates feature a high-thermal-conductivity silicon substrate designed for thermally demanding high-power and ultrafast laser applications. Optimized for efficient heat distribution in challenging optical setups, these substrates help mitigate thermally induced wavefront distortion. Designed as a coating-ready platform, TECHSPEC® Silicon Laser Mirror Substrates provide a flexible foundation for custom broadband or low-dispersion mirror solutions. Available in 12.7mm, 25.4mm, and 50.8mm diameters, these mirrors offer flexibility for integration into a wide range of laser system configurations.