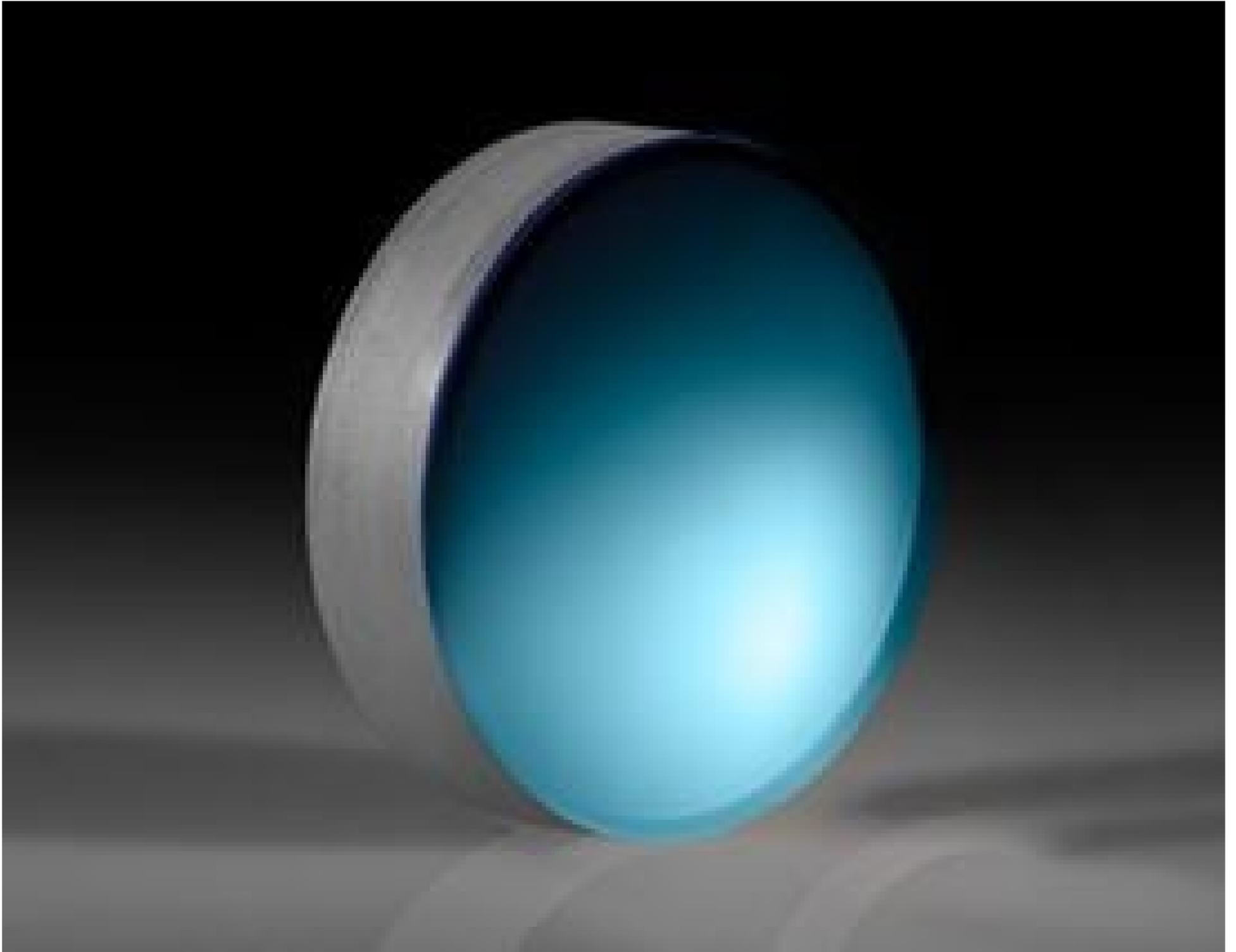


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**TECHSPEC® 12.7mm Dia. Uncoated, Silicon, Laser Mirror**



Stock **#90-138** NEW CONTACT US

-
1
+
£64<sup>00</sup>

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Volume Pricing	
Qty 1+	£64.00 each
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

**General**

Laser Mirror Substrate **Type:**

**Physical & Mechanical Properties**

<3 **Parallelism (arcmin):**

90 **Clear Aperture (%):**

Commercial Polish **Back Surface:**

12.70 +0.00/-0.10	<b>Diameter (mm):</b>
3.18 ±0.10	<b>Thickness (mm):</b>
<b>Optical Properties</b>	
40-20	<b>Surface Quality:</b>
N/A	<b>Coating Specification:</b>
λ/10	<b>Surface Flatness (P-V):</b>
Uncoated	<b>Coating:</b>
Optical Grade Silicon	<b>Substrate:</b> <input type="checkbox"/>

## 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.