

**TECHSPEC® 12.5mm Dia. Laser Mirror Substrate**



TECHSPEC® Laser Mirror Substrates

Stock **#47-017** **20+ In Stock**

⊖ 1 ⊕ C\$122.50

**ADD TO CART**

Volume Pricing	
Qty 1-10	C\$122.50 each
Qty 11-25	C\$105.70 each
Qty 26-50	C\$94.50 each
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**General**

Laser Mirror Substrate **Type:**

**Physical & Mechanical Properties**

<3 **Parallelism (arcmin):**

90 **Clear Aperture (%):**

Ground	<b>Back Surface:</b>
12.50 +0.00/-0.20	<b>Diameter (mm):</b>
6.00 ±0.20	<b>Thickness (mm):</b>
Ground, protective bevel as needed	<b>Edges:</b>

## Optical Properties

10-5	<b>Surface Quality:</b>
λ/10	<b>Surface Flatness (P-V):</b>
Uncoated	<b>Coating:</b>
<a href="#">Fused Silica</a> (Corning 7980)	<b>Substrate:</b> <input type="checkbox"/>

## Regulatory Compliance

<a href="#">Compliant</a>	<b>RoHS 2015:</b>
<a href="#">Compliant</a>	<b>Reach 197:</b>
<a href="#">View</a>	<b>Certificate of Conformance:</b>

## Product Details

- λ/10 and λ/20 Surface Flatness and 10-5 Surface Quality
- High Quality Fused Silica Substrates
- Imperial Sizes with Circular or Rectangular Geometries
- [Window Substrates](#) Also Available

TECHSPEC® Laser Mirror Substrates are manufactured from high quality fused silica and are designed for use with high power laser sources. These mirrors feature excellent surface specifications, including λ/10 and λ/20 surface flatness and 10-5 surface quality, to limit the possibility of reduced performance due to surface defects. The high surface quality of these mirror blanks also makes them ideal for use in demanding intra-cavity laser applications. TECHSPEC Laser Mirror Substrates are available in standard imperial sizes, with either circular or rectangular geometries. Please contact us if your application requires a custom size laser mirror substrate.

## Compatible Mounts