

TECHSPEC® 12.5mm Dia. Laser Mirror Substrate



TECHSPEC® Laser Mirror Substrates

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

⊖ 1 ⊕ **S\$122⁰⁰**

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

Laser Mirror Substrate **Type:**

Physical & Mechanical Properties

<3 **Parallelism (arcmin):**

90 **Clear Aperture (%):**

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

Optical Properties

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

Regulatory Compliance

Compliant	RoHS 2015:
Compliant	Reach 197:
View	Certificate of Conformance:

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