

**TECHSPEC® 50.8mm Dia. Laser Mirror Substrate**



TECHSPEC® Laser Mirror Substrates

Stock **#37-687** **20+ In Stock**

⊖ 1 ⊕ **S\$242<sup>00</sup>**

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Volume Pricing	
Qty 1-10	<b>S\$242.20</b> each
Qty 11-25	<b>S\$214.20</b> each
Qty 26-50	<b>S\$189.00</b> each
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**General**

Laser Mirror Substrate **Type:**

**Physical & Mechanical Properties**

<3 **Parallelism (arcmin):**

90 **Clear Aperture (%):**

Commercial Polish **Back Surface:**

50.80 +0.00/-0.10 **Diameter (mm):**

9.53 ±0.20 **Thickness (mm):**

Ground, protective bevel as needed **Edges:**

## Optical Properties

10-5 **Surface Quality:**

$\lambda/10$  **Surface Flatness (P-V):**

Uncoated **Coating:**

[Fused Silica](#) (Corning 7980) **Substrate:**

## Regulatory Compliance

[Compliant](#) **Reach 191:**

[Compliant](#) **RoHS 2015:**

[View](#) **Certificate of Conformance:**

## Product Details

- $\lambda/10$  and  $\lambda/20$  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  $\lambda/10$  and  $\lambda/20$  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