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TECHSPEC® 25.4 x 25.4mm Laser Mirror Substrate



TECHSPEC® Laser Mirror Substrates

Stock **#37-725** **20+ In Stock**

⊖ 1 ⊕ **S\$149⁰⁰**

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| Volume Pricing | |
|----------------|-------------------------------|
| Qty 1-10 | S\$149.80 each |
| Qty 11-25 | S\$134.40 each |
| Qty 26-50 | S\$119.00 each |
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Product Downloads

General

Laser Mirror Substrate **Type:**

Physical & Mechanical Properties

<3 **Parallelism (arcmin):**

85 **Clear Aperture (%):**

| | |
|------------------------------------|--------------------------------|
| Commercial Polish | Back Surface: |
| 25.4 x 25.4 +0.00/-0.10 | Dimensions (mm): |
| 6.35 ±0.20 | Thickness (mm): |
| 21.59 x 21.59 | Clear Aperture CA (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 209: |
| 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