

[See all 22 Products in Family](#)

TECHSPEC® 50.8mm Dia. Precision Broadband Laser Mirror Substrate



TECHSPEC® Laser Mirror Substrates

Stock #75-417 **NEW** 20+ In Stock

⊖ 1 ⊕ C\$236⁰⁰

ADD TO CART

Volume Pricing	
Qty 1-5	C\$236.60 each
Qty 6-25	C\$207.90 each
Qty 26+	C\$182.70 each
Need More?	Request Quote

Product Downloads

General

Laser Mirror Substrate **Type:**

Physical & Mechanical Properties

<3 **Parallelism (arcmin):**

90 **Clear Aperture (%):**

Ground **Back Surface:**

50.80 +0.0/-0.1 **Diameter (mm):**

12.50 ±0.2 **Thickness (mm):**

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

Optical Properties

10-5 **Surface Quality:**

λ/20 **Surface Flatness (P-V):**

Uncoated **Coating:**

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

Regulatory Compliance

[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.