

TECHSPEC<sup>®</sup> 12.7mm Dia. Laser Mirror Substrate



TECHSPEC<sup>®</sup> Laser Mirror Substrates

Stock **#37-684** 20+ In Stock

-

1

+

£70<sup>00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-10       | £70.00 each                   |
| Qty 11-25      | £60.40 each                   |
| Qty 26-50      | £54.00 each                   |
| Need More?     | <a href="#">Request Quote</a> |

**i** Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Laser Mirror Substrate

Type:

Physical & Mechanical Properties

<3

Parallelism (arcmin):

Clear Aperture (%):

|                                    |                 |
|------------------------------------|-----------------|
| 90                                 |                 |
| Commercial Polish                  | Back Surface:   |
| 12.70 +0.00/-0.10                  | Diameter (mm):  |
| 6.35 ±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:                  |
| View                  | Certificate of Conformance: |
| Compliant             | Reach 235:                  |

## 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