

TECHSPEC<sup>®</sup> 6.35mm Dia. Laser Mirror Substrate



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

Stock **#37-705** 20+ In Stock

-

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+

A\$187<sup>20</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-10       | A\$187.20 each                |
| Qty 11-25      | A\$164.80 each                |
| Qty 26-50      | A\$146.40 each                |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

| General                          |                       |
|----------------------------------|-----------------------|
| Laser Mrror Substrate            | Type:                 |
| Physical & Mechanical Properties |                       |
| <3                               | Parallelism (arcmin): |
| 85                               | Clear Aperture (%):   |

|                                    |                 |
|------------------------------------|-----------------|
| Commercial Polish                  | Back Surface:   |
| 6.35 +0.00/-0.10                   | Diameter (mm):  |
| 4.00 ±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: □            |

|                       |                             |
|-----------------------|-----------------------------|
| Regulatory Compliance |                             |
| Compliant             | Reach 191:                  |
| Compliant             | RoHS 2015:                  |
| 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