

TECHSPEC® 76.2mm Dia., 12.7mm Thick, 355nm, λ /10 Fused Silica Window



TECHSPEC λ /10 Laser Line Coated Windows

Stock #20-444 2 In Stock

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+

A\$1,400⁰⁰

ADD TO CART

Volume Pricing	
Qty 1-5	A\$1,400.00 each
Qty 6-25	A\$1,120.00 each
Qty 26-49	A\$1,048.00 each
Need More?	Request Quote

Product Downloads

General	
Laser Line Window	Type:
Glass	Type of Window:
Physical & Mechanical Properties	
12.70 ±0.20	Thickness (mm):

68.58	Clear Aperture CA (mm):
76.20 +0.00/-0.10	Diameter (mm):
90	Clear Aperture (%):
<3	Parallelism (arcmin):
Protective as needed	Bevel:
Fine Ground	Edges:

Optical Properties	
Fused Silica (Corning 7980)	Substrate: ☐
1.458	Index of Refraction (n _d):
10-5	Surface Quality:
0	Angle of Incidence (°):
Laser V-Coat (355nm)	Coating:
355	Design Wavelength DWL (nm):
67.8	Abbe Number (v _d):
λ/10	Surface Flatness (P-V):
R _{abs} <0.25% @ 355nm	Coating Specification:
7.5 J/cm ² @ 355nm, 20ns, 20Hz	Damage Threshold, By Design: ☐
7.5 J/cm ² @ 355nm, 20ns, 20Hz	Damage Threshold, Pulsed:

Material Properties	
7980 0A	Fused Silica Grade:

Regulatory Compliance	
View	Certificate of Conformance:

Custom

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

Product Details

- 10-5 Surface Quality
- Damage Thresholds at Design Wavelengths
- Diameters from 12.5 to 76.2mm Available
- [Uncoated Substrates Available](#)

TECHSPEC® λ/10 Laser Line Coated Windows are designed for direct integration into laser applications. This robust product family features common imperial sizes, many of which offer multiple thickness options. Anti-reflection coatings are available at common laser wavelengths, minimizing surface reflection for optimal system transmission. TECHSPEC λ/10 Laser Line Coated Windows provide laser grade specifications including λ/10 surface flatness, 10-5 surface quality, and <3 arcmin parallelism. These windows are ideal for industrial laser applications ranging from protective coverings to separating various environments.

Technical Information



Compatible Mounts