

**TECHSPEC® 38.1mm Dia., 6.35mm Thick, 1080nm, λ/10 Fused Silica Window**



TECHSPEC λ/10 Laser Line Coated Windows

Stock **#11-402** **9 In Stock**

⊖ 1 ⊕ ₹16,284

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Volume Pricing	
Qty 1-5	₹16,284 each
Qty 6-25	₹12,983 each
Qty 26-49	₹12,249 each
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**SPECIFICATIONS**

**General**

Laser Line Window

Type:

Type of Window:

Glass

## Physical & Mechanical Properties

34.29 **Clear Aperture CA (mm):**

38.10 +0.00/-0.10 **Diameter (mm):**

6.35 ±0.20 **Thickness (mm):**

<3 **Parallelism (arcmin):**

Protective as needed **Bevel:**

90 **Clear Aperture (%):**

Fine Ground **Edges:**

## Optical Properties

0 **Angle of Incidence (°):**

Laser V-Coat (1080nm) **Coating:**

1080 **Design Wavelength DWL (nm):**

**Fused Silica** (Corning 7980) **Substrate:**

1.458 **Index of Refraction (n<sub>d</sub>):**

10-5 **Surface Quality:**

67.8 **Abbe Number (v<sub>d</sub>):**

R<sub>abs</sub> <0.25% @ 1080nm **Coating Specification:**

λ/10 **Surface Flatness (P-V):**

15 J/cm<sup>2</sup> @ 1080nm, 20ns, 20Hz **Damage Threshold, By Design:**

15 J/cm<sup>2</sup> @ 1080nm, 20ns, 20Hz **Damage Threshold, Pulsed:**

## Material Properties

7980 0F **Fused Silica Grade:**

## Regulatory Compliance

**Compliant** **RoHS 2015:**

**Compliant** **Reach 209:**

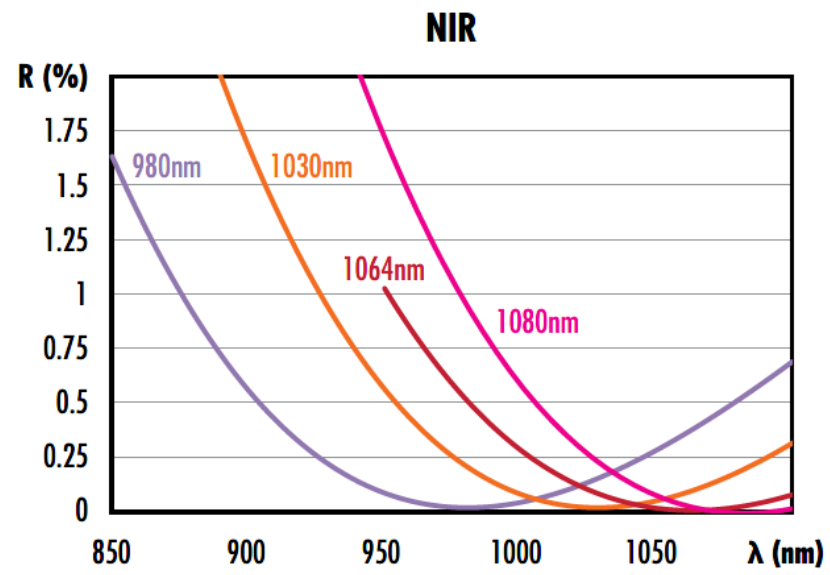
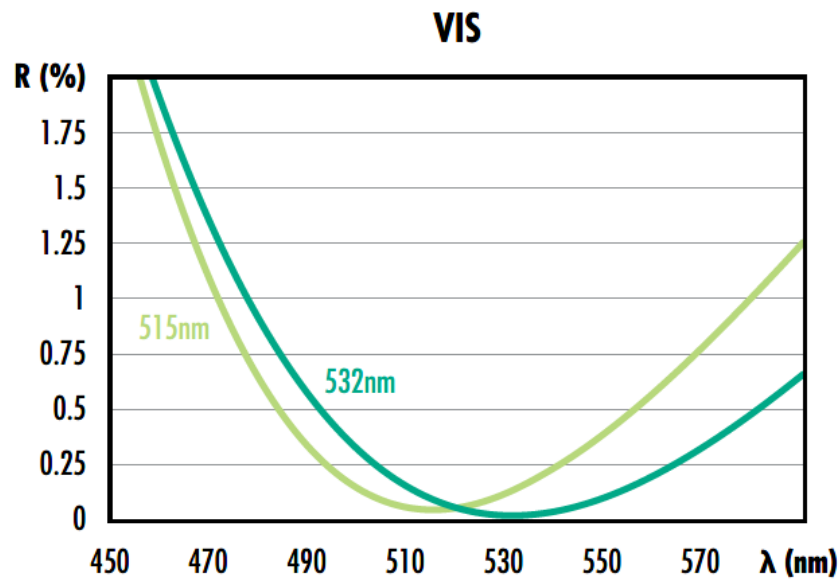
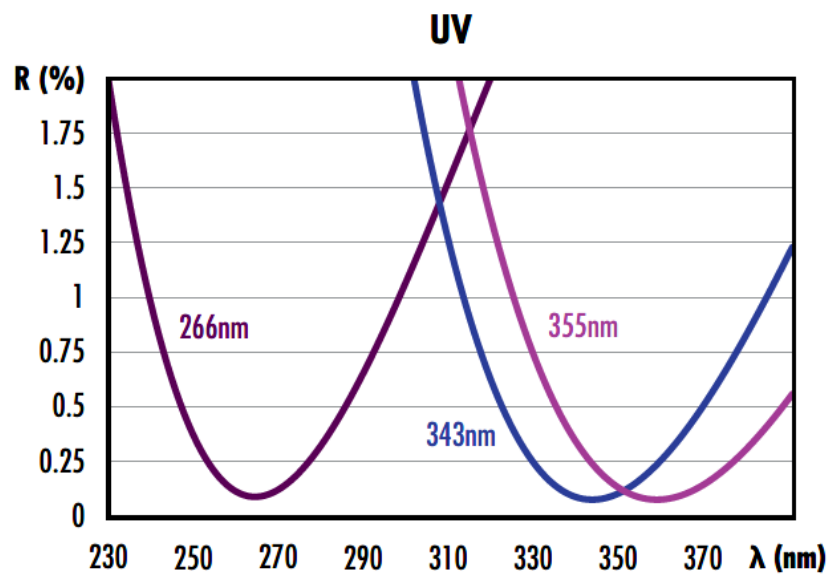
**View** **Certificate of Conformance:**

## 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



## 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](#).

## COMPATIBLE MOUNTS