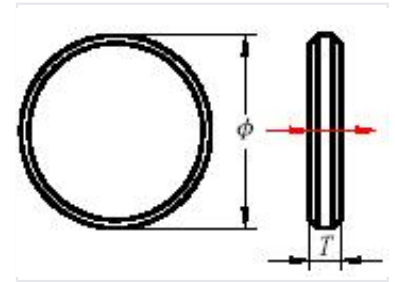
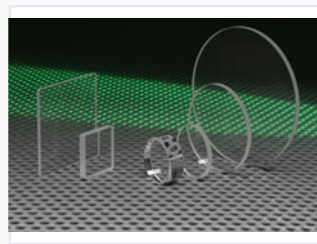


# Fused Silica Optical Window

These fused silica windows offer low distortion, low scatter, and excellent parallelism. They are suitable for both laser and non-laser applications requiring high optical performance.



## ADDITIONAL IMAGES



## Overview

### High-Performance Fused Silica Windows

These UV-grade fused silica windows are engineered for demanding optical applications requiring excellent transmission and high thermal stability. With low thermal expansion and high resistance to thermal shock, they maintain performance across wide temperature ranges. Precision manufacturing ensures minimal wavefront distortion and superior surface quality, making them ideal for laser systems, imaging devices, and scientific instrumentation.

#### Key Advantages

UV Grade, High Transmission, Low Thermal Expansion, Thermal Shock Resistance, High Laser Damage Threshold

## Mechanical Specifications

### Dimensional Tolerances

Parameter	Tolerance
Diameter Tolerance	+0.0, -0.15 mm
Thickness Tolerance	+/- 0.2 mm
Bevel	0.25 mm x 45 deg

## Optical Specifications

### Surface Quality

- Standard: 60-40 scratch and dig
- Precision: 40-20 scratch and dig

### Flatness & Wavefront

**0.25  $\lambda$ 25mm**

Standard Flatness

**0.1  $\lambda$ 25mm**

Precision Flatness

### Parallelism

< 1 arc minute (Standard) • < 10 arc seconds (Precision)

### Clear Aperture

>85% of diameter