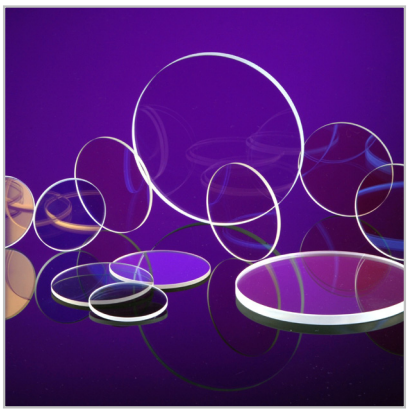
LASER COMPONENTS®

Protective Windows

Features / Characteristics



So-called protective windows are the last optics to be used before the working area; they protect high quality laser optics from material splatter. In the majority of cases, protective windows are available inexpensively with few demands regarding surface figure and surface quality. The windows are coated with an anti-reflex coating for the laser beam and, upon request, can also be AR coated for the pilot laser in the visible wavelength range.

Protective windows are available in the following materials:

- BK7 or similar
  for the simplest application
- Quartz glass
  for lasers with higher output power

Other materials are possible on request

Specifications

Specifications on request, optimized for your application

Good to know

For inquiries, we need to know:

- Diameter
- Thickness
- Wavelength (range)
- Laser data (laser power, pulse energy, rep. rate, pulse duration, for cw: output power, beam diameter)
- Surface flatness
- Surface quality (e.g. 60-40 scratch-dig)
- Quantity

On our web-page you can find an inquiry form to fill in all relevant data.

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Product Code

Coating	**Wavelength** (or wavelength range)	**Substrate** (size, thickness, material)

For example:

AR/AR1064+650 OPW2206UV, protection glass, wedge <20"

(AR coating for 1064 and 650 nm, plane window – round, diameter 55 mm (≈2.2 inch), thickness 1.5 mm (≈0.6 inch), fused silica)

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