COLOR FILTER GLASS

HOYA CORPORATION manufactures and markets the highest quality monolithic color filter glass. Our offerings encompass a wide range spectral characteristics spanning from the ultraviolet to the infrared region. Each filter transmission spectrum is determined by the highest purity chemical composition with precise control of the glass melting process. This results in the highest degree of product consistency and reliability. The HOYA filter glass line has earned a reputation of excellence across many industries.

Sharp Cut Filters
Red, Blue, Green
Neutral Density
IR Transmitting
Light Balancing
Heat Absorbing
Night Vision
Color Compensating
Multiband Calibration
UV Transmitting - Visible Absorbing
Standard Products are available in the following dimensions:

**Polished**
- 165mm square x 2.5mm thick
- 50mm square x 2.5mm thick

**Unpolished**
- 165mm square x 4-5mm thick
- 165mm square x 8-10mm thick
- 165mm square x 55mm thick

Custom sizes and thickness are readily available.

Wide range of coatings can be applied. Thermal strengthening, stringent tolerances and various surface quality levels are available.

**APPLICATIONS**

- Machine Vision
- CRT Displays/LCD/FED
- CCD
- UV Trans-Illuminator
- Electronic Instrumentation
- Night Vision
- Imaging
- Calibration
- Medical Devices
- Telecommunication
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Sharp Cut Filters

UV Transmitting – Visible Absorbing Filters
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Blue Filters

[Graph showing transmittance vs. wavelength for different blue filters]

Color Compensating Filters (Cyan)

[Graph showing transmittance vs. wavelength for different color compensating filters (Cyan)]
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Green Filters

Heat Absorbing Filters
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Multiband Calibration Filters

![Graph showing transmission vs. wavelength for different filters: V11, V31, HY1]