COLOR FILTER GLASS

PRODUCT DESCRIPTION

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.

Standard products are supplied in the following dimensions:

- Polished - 165 x 165 x 2.5 mm
- Polished - 50 x 50 x 2.5 mm
- Unpolished - 165 x 165 x 4-5 mm
- Unpolished - 165 x 165 x 8-10mm

* Custom thicknesses as low as 0.5mm are available upon request

FILTER GLASS TYPES

- UV Transmitting Filters
- Sharp Cut Filters
- IR Transmitting Filters
- Red, Blue, Green Filters
- Light Balancing Filters
- Color Compensating Filters
- Neutral Density Filters
- Heat Absorbing Filters
- Contrast Filters
- Multiband Calibration Filters
- NVIS Filters

APPLICATIONS

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

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SPECTRAL TRANSMITTANCE

**Sharp Cut Filters**

![Graph showing transmittance (%)]

**Visible Absorbing Filters**

- U-325C
- U-330
- U-340
- U-360

**Blue Filters**

- B-370
- B-390
- B-410
- B-440
- B-460

**Multiband Calibration Filter**

- V-10

**Color Compensation Filter**

- Standard Thickness 1.0mm
- CM-500

**Ultraviolet Transmitting Filters**

- UV-22
- UV-30

**Infrared Transmitting Filters**

- IR-76
- IR-78
- IR-80
- IR-83
- IR-85

*ONLY SELECTED FILTER TYPES ARE SHOWN ABOVE, PLEASE CONTACT US FOR A DETAILED CATALOG*

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