

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



Custom Requirements:

- ▶ Custom sizes and thickness are readily available
- ▶ Wide range of coatings can be applied
- ▶ Thermal strengthening
- ▶ Stringent tolerances and surface finish

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

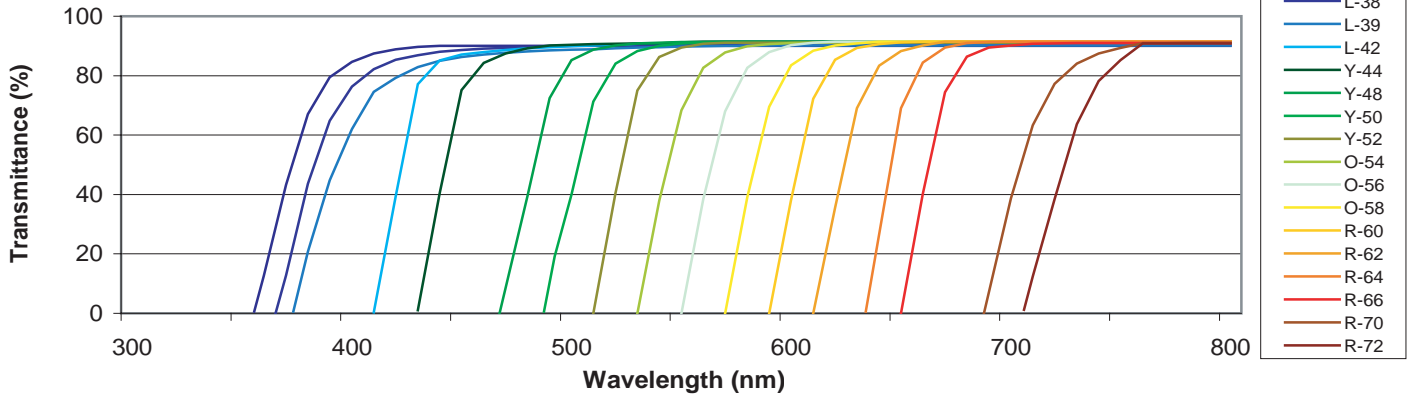
- ▶ Machine Vision
- ▶ CRT Displays/LCD/FED
- ▶ CCD
- ▶ UV Trans-Illuminator
- ▶ Electronic Instrumentation
- ▶ Night Vision
- ▶ Imaging
- ▶ Calibration
- ▶ Telecommunication
- ▶ Medical Devices

HOYA CORPORATION USA
Optics Division
3400 Edison Way
Fremont, CA 94538

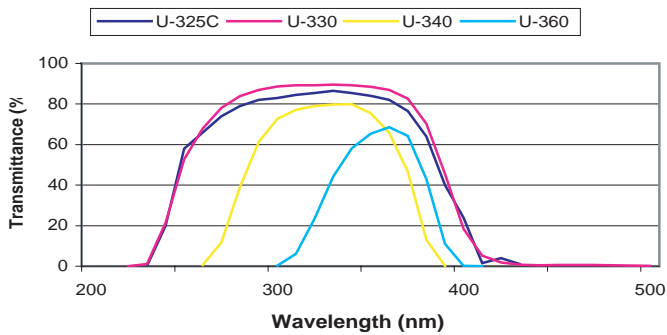
800-818-HOYA (4692)
408-441-3300
408-451-9562 fax
www.hoyaoptics.com

SPECTRAL TRANSMITTANCE

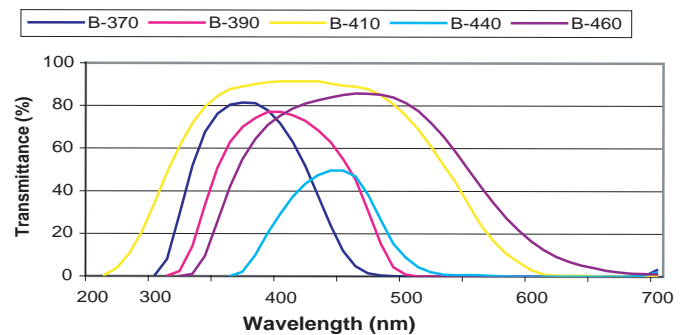
Sharp Cut Filters



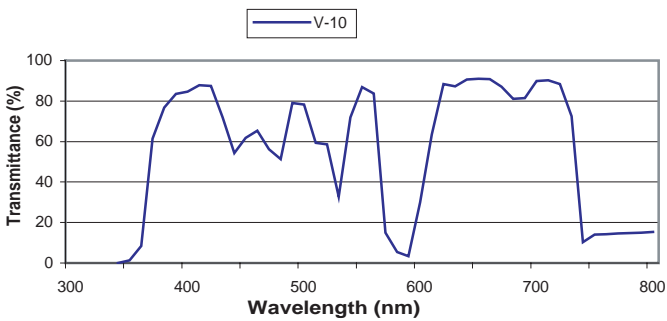
Visible Absorbing Filters



Blue Filters

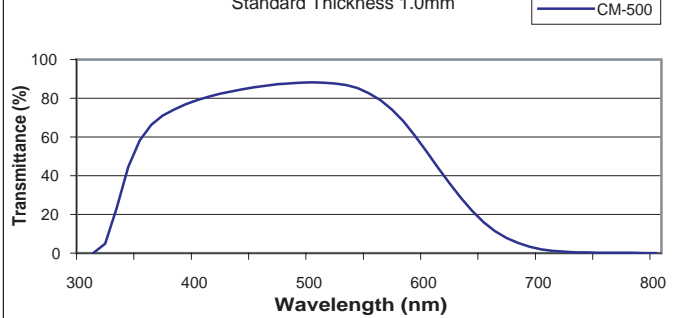


Multiband Calibration Filter

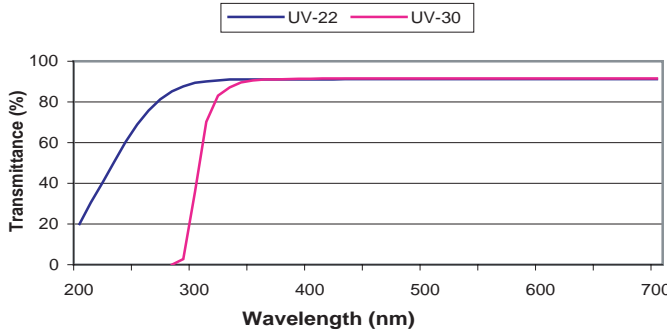


Color Compensation Filter

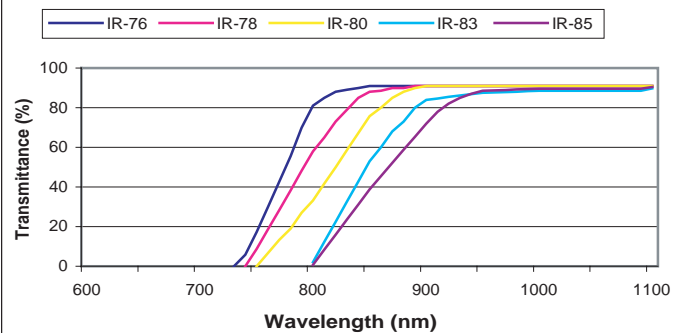
Standard Thickness 1.0mm



Ultraviolet Transmitting Filters



Infrared Transmitting Filters



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



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