

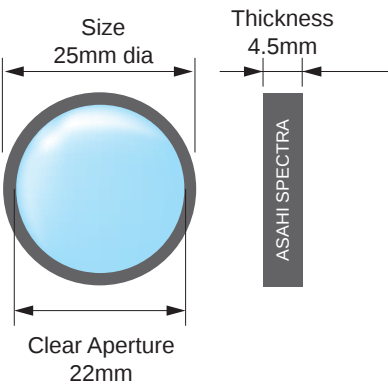
UV Filter Series

■ UV Transmission Filters



UV Transmission Filters may be used in illumination systems as well as fluorescence applications that need to transmit the UV energy and block most of visible light. Unlike the conventional UV filters with colored glass or aluminum coating, Asahi UV filters have the heat durability and can avoid the auto-fluorescence, because they consist of fused silica substrates and dielectric multilayer films. As a result, they block the light not by absorption but reflection. This UV series are designed for broad bands of UVA, UVB and the combination of UVA and UVB while maintaining high transmission, averaging 70-85% over the bands specified.

Dimensions



Ordering Information

Order online: www.asahi-spectra.com E-mail: info@asahi-spectra.com

Specifications

Target	Passband (nm)	Ave. Transmittance (%)	Substrate	Thickness (mm)	Item Number
					25mm Diameter
UVA	315-400	85	Fused Silica	4.5	XUVA315
UVB	280-310	75	Fused Silica	4.5	XUVB280
UVA+UVB	260-400	70	Fused Silica	4.5	XUVC260

Shortpass

Longpass

Bandpass

Neutral Density

UV Series

Super Cold

Others

UV Transmission Filters

Shortpass

Longpass

Bandpass

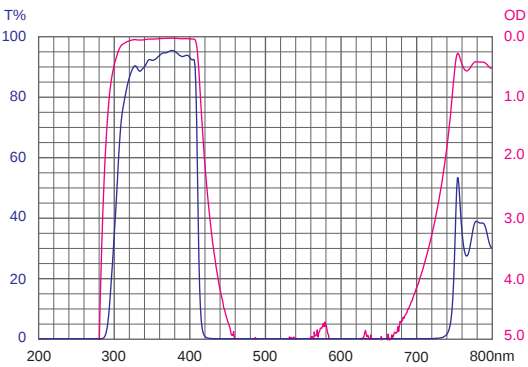
Neutral Density

UV Series

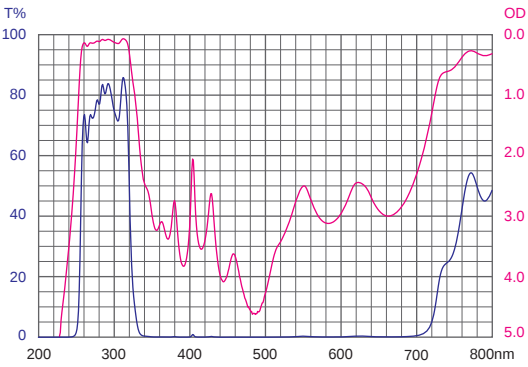
Super Cold

Others

XUVA315



XUVB280



XUVC260

