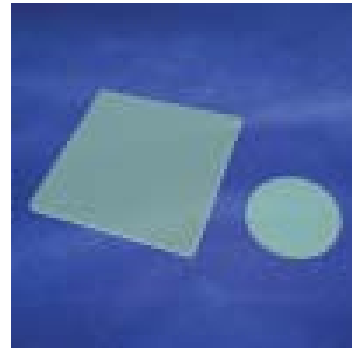


Shortpass Filter

Shortpass

Shortpass Filter / UV

Shortpass Filter/UV is designed to have a sharp transition at each cut off point in UV range. This line is often used for UV light sources such as xenon or mercury lamp, and for making bandpass filters when you combine with our Longpass Filter/UV. Substrate material is fused silica which has high durability against heat and high transmittance in UV range. Please contact us for custom filters that you cannot find in the standard product line.



Longpass

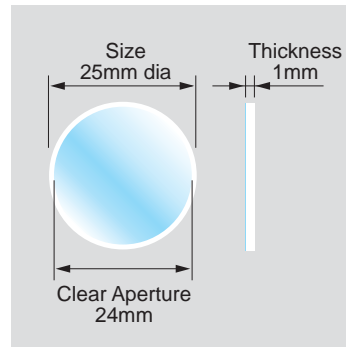
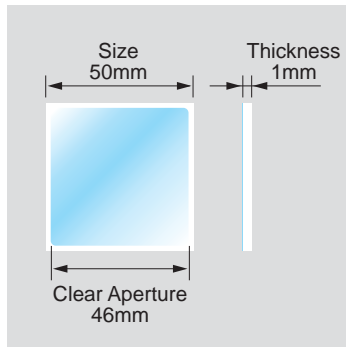
Bandpass

Neutral Density

Mercury Line Emission

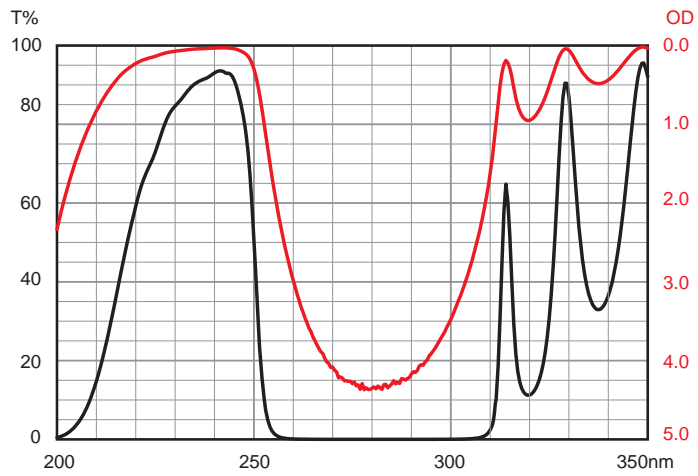
Super Cold

Others



Item Number	Cut Off Wavelength (nm) (T=50%)	Dimension (mm)	Substrate	Thickness (mm)
XUS0250	250 +5/-5	25 diameter	Fused Silica	1
ZUS0250		50 x 50		
XUS0265	265 +5/-5	25 diameter	Fused Silica	1
ZUS0265		50 x 50		
XUS0300	300 +5/-5	25 diameter	Fused Silica	1
ZUS0300		50 x 50		
XUS0325	325 +5/-5	25 diameter	Fused Silica	1
ZUS0325		50 x 50		
XUS0350	350 +5/-5	25 diameter	Fused Silica	1
ZUS0350		50 x 50		
XUS0385	385 +5/-5	25 diameter	Fused Silica	1
ZUS0385		50 x 50		
XUS0400	400 +5/-5	25 diameter	Fused Silica	1
ZUS0400		50 x 50		
XUS0425	425 +5/-5	25 diameter	Fused Silica	1
ZUS0425		50 x 50		
XUS0450	450 +5/-5	25 diameter	Fused Silica	1
ZUS0450		50 x 50		
XUS0460	460 +5/-5	25 diameter	Fused Silica	1
ZUS0460		50 x 50		
XUS0500	500 +5/-5	25 diameter	Fused Silica	1
ZUS0500		50 x 50		

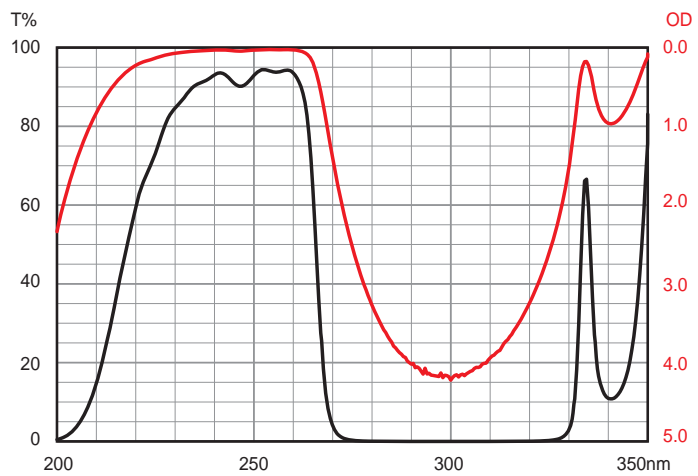
XUS0250
ZUS0250



Shortpass

Longpass

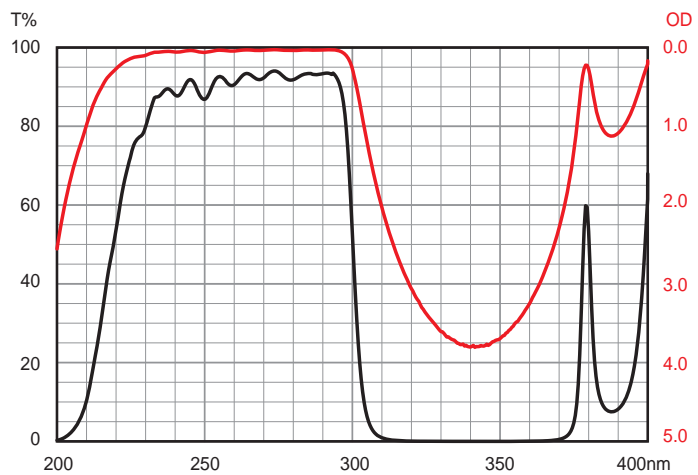
XUS0265
ZUS0265



Bandpass

Neutral Density

XUS0300
ZUS0300



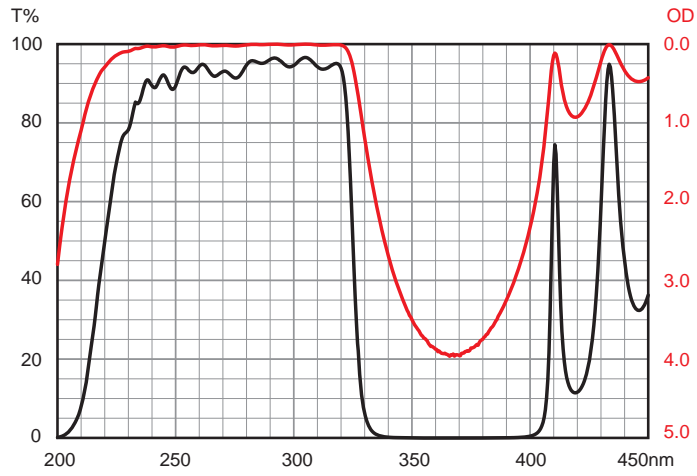
Mercury Line Emission

Super Cold

Others

Shortpass

XUS0325
ZUS0325



Longpass

Bandpass

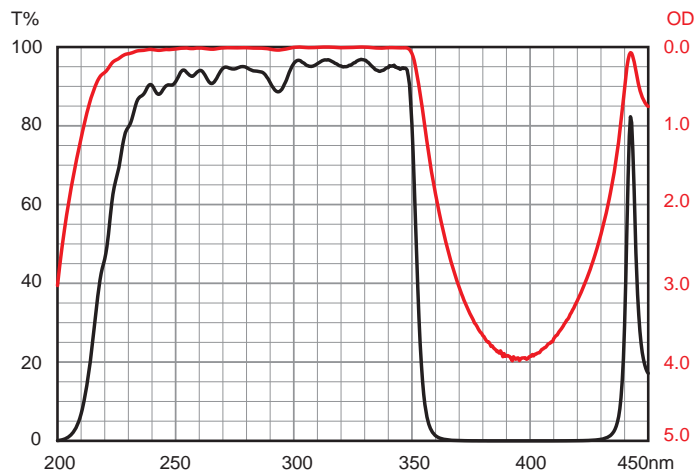
Neutral Density

Mercury Line Emission

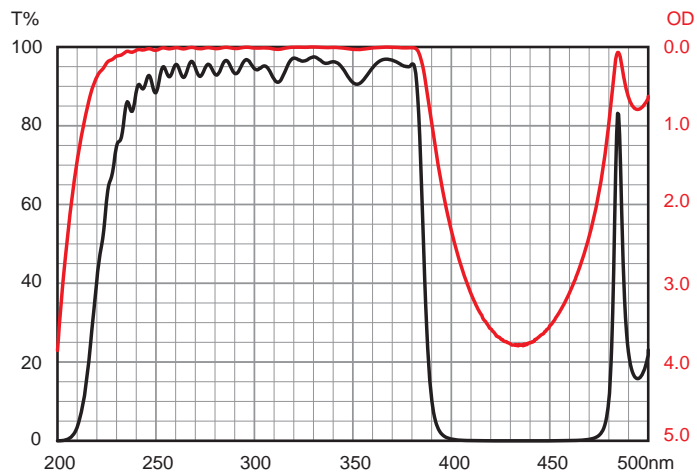
Super Cold

Others

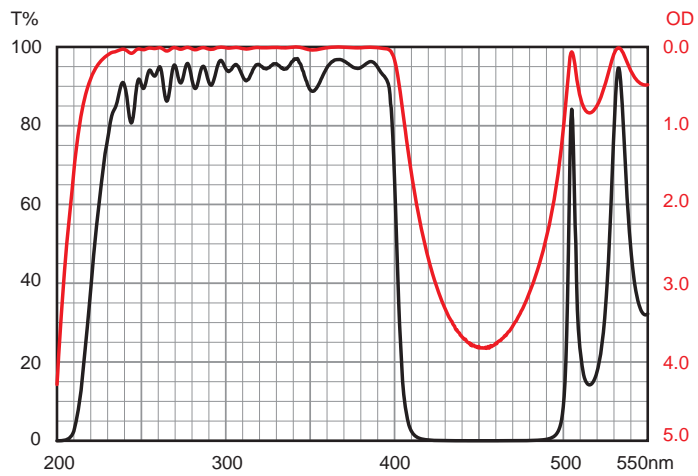
XUS0350
ZUS0350



XUS0385
ZUS0385



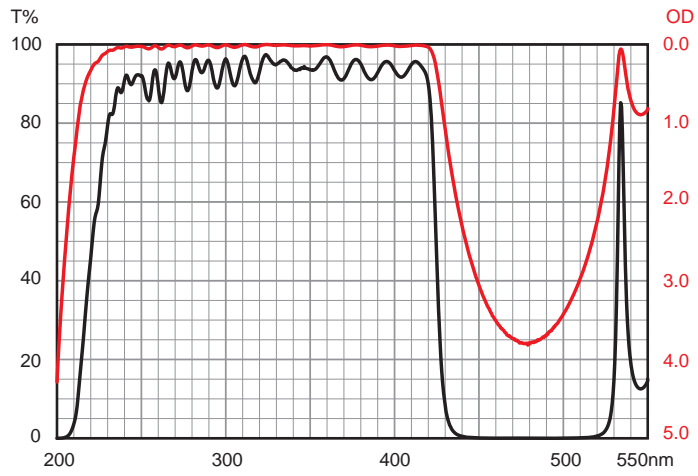
XUS0400
ZUS0400



Shortpass

Longpass

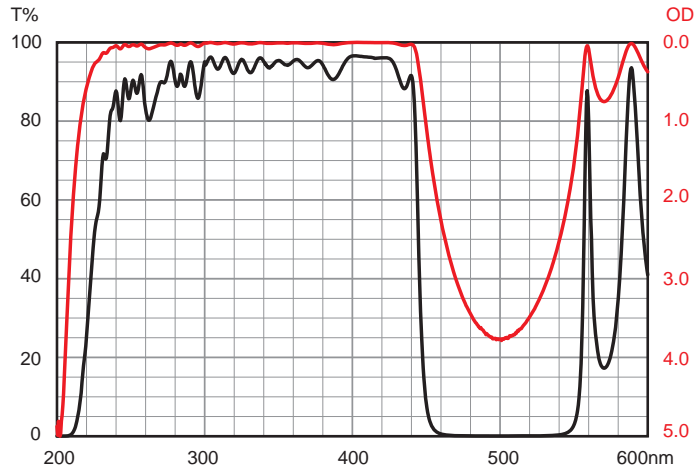
XUS0425
ZUS0425



Bandpass

Neutral Density

XUS0450
ZUS0450



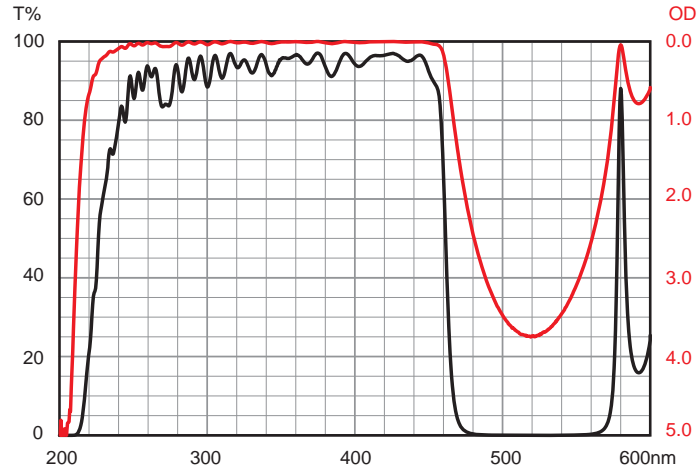
Mercury Line Emission

Super Cold

Others

Shortpass

XUS0460
ZUS0460



Longpass

Bandpass

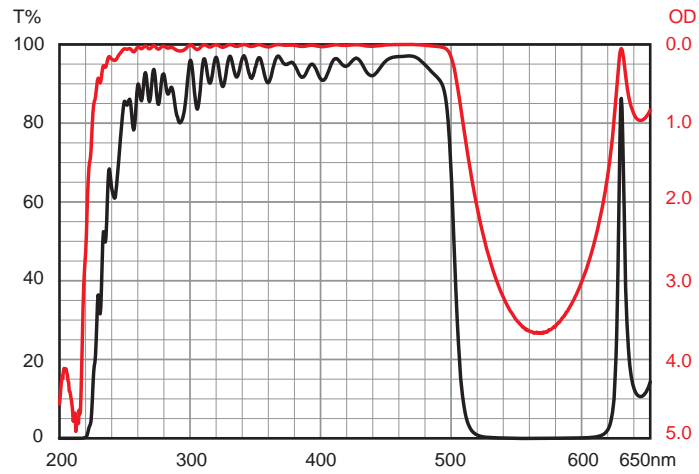
Neutral Density

Mercury Line Emission

Super Cold

Others

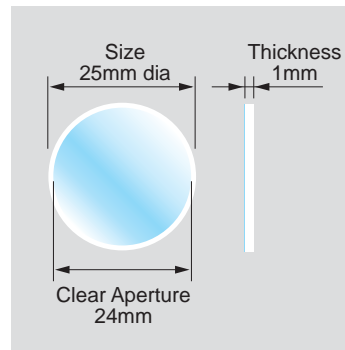
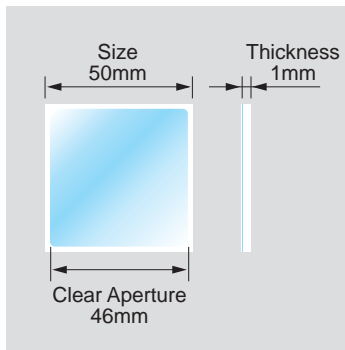
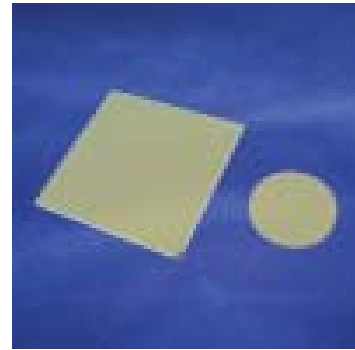
XUS0500
ZUS0500



Shortpass Filter / VIS Type

Shortpass Filter/VIS is designed to have a sharp transition at each cut off point in VIS range. ZVS0680, ZVS0710 or ZVS0750 can be used as a heat-blocking filter because they transmit whole VIS range and block a part of NIR range where tends to be changed into heat. Substrate material is fused silica which has high durability against heat and high transmittance in VIS range.

Please contact us for custom filters that you cannot find in the standard product line.



Item Number	Cut Off Wavelength (nm) (T=50%)	Dimension (mm)	Substrate	Thickness (mm)
XVS0430	430 +5/-5	25 diameter	Fused Silica	1
ZVS0430		50 x 50		
XVS0450	450 +5/-5	25 diameter	Fused Silica	1
ZVS0450		50 x 50		
XVS0470	470 +5/-5	25 diameter	Fused Silica	1
ZUS0470		50 x 50		
XVS0490	490 +5/-5	25 diameter	Fused Silica	1
ZVS0490		50 x 50		
XVS0510	510 +5/-5	25 diameter	Fused Silica	1
ZVS0510		50 x 50		
XVS0530	530 +5/-5	25 diameter	Fused Silica	1
ZVS0530		50 x 50		
XVS0550	550 +5/-5	25 diameter	Fused Silica	1
ZVS0550		50 x 50		
XVS0570	570 +5/-5	25 diameter	Fused Silica	1
ZVS0570		50 x 50		
XVS0590	590 +5/-5	25 diameter	Fused Silica	1
ZVS0590		50 x 50		
XVS0610	610 +5/-5	25 diameter	Fused Silica	1
ZVS0610		50 x 50		
XVS0630	630 +5/-5	25 diameter	Fused Silica	1
ZVS0630		50 x 50		

Shortpass

Longpass

Bandpass

Neutral Density

Mercury Line Emission

Super Cold

Others

Shortpass

Longpass

Bandpass

Neutral Density

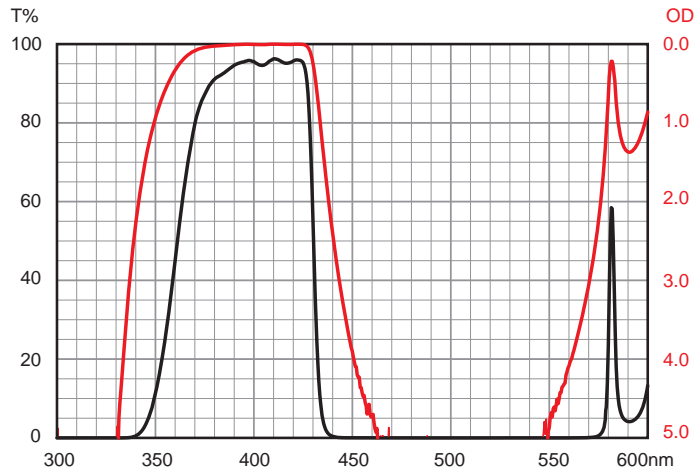
Mercury Line Emission

Super Cold

Others

Item Number	Cut Off Wavelength (nm) (T=50%)	Dimension (mm)	Substrate	Thickness (mm)
XVS0650 ZVS0650	650 +5/-5	25 diameter 50 x 50	Fused Silica	1
XVS0680 ZVS0680	680 +6/-6	25 diameter 50 x 50	Fused Silica	1
XVS0710 ZVS0710	710 +7/-7	25 diameter 50 x 50	Fused Silica	1
XVS0750 ZVS0750	750 +7/-7	25 diameter 50 x 50	Fused Silica	1

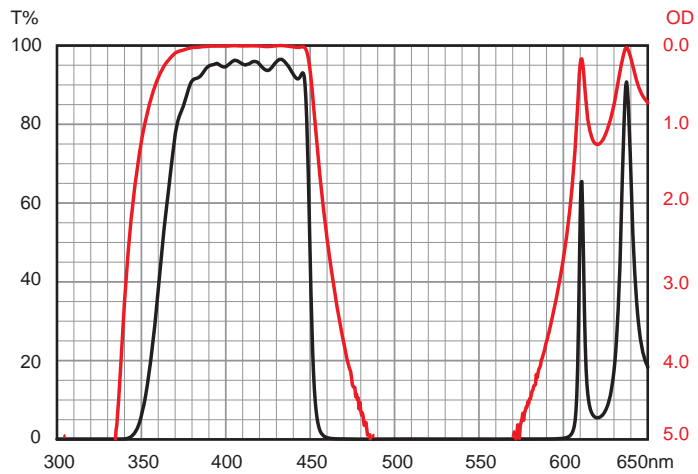
XVS0430
ZVS0430



Shortpass

Longpass

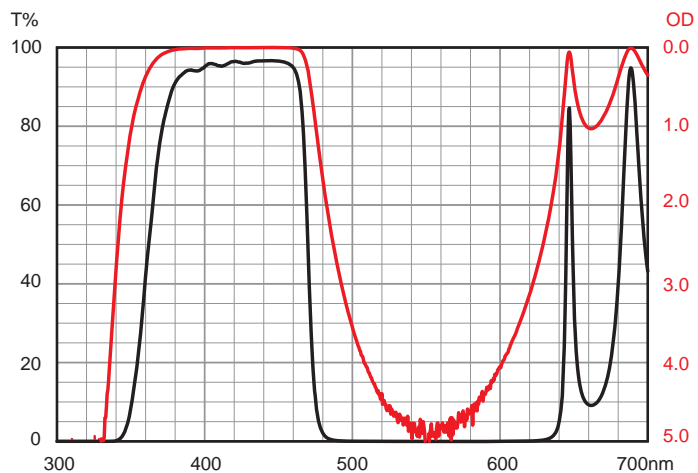
XVS0450
ZVS0450



Bandpass

Neutral Density

XVS0470
ZVS0470



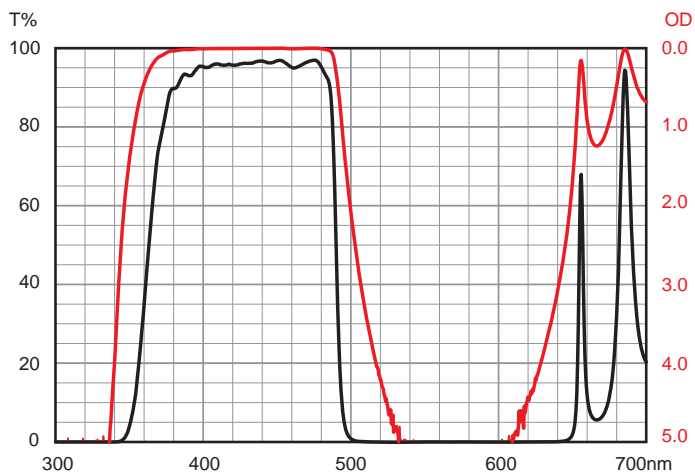
Mercury Line Emission

Super Cold

Others

Shortpass

XVS0490
ZVS0490



Longpass

Bandpass

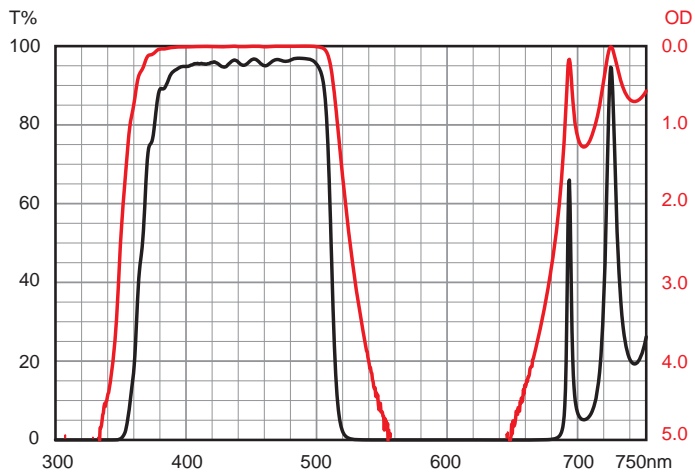
Neutral Density

Mercury Line Emission

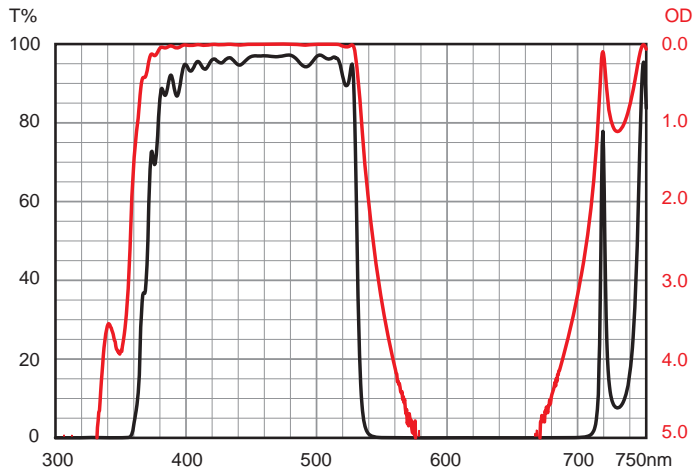
Super Cold

Others

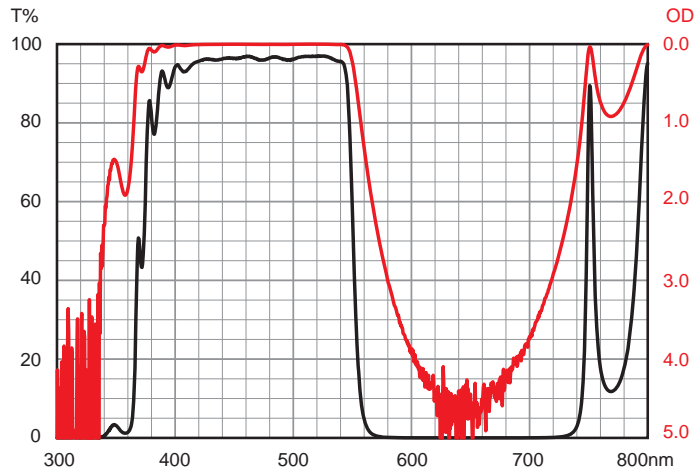
XVS0510
ZVS0510



XVS0530
ZVS0530



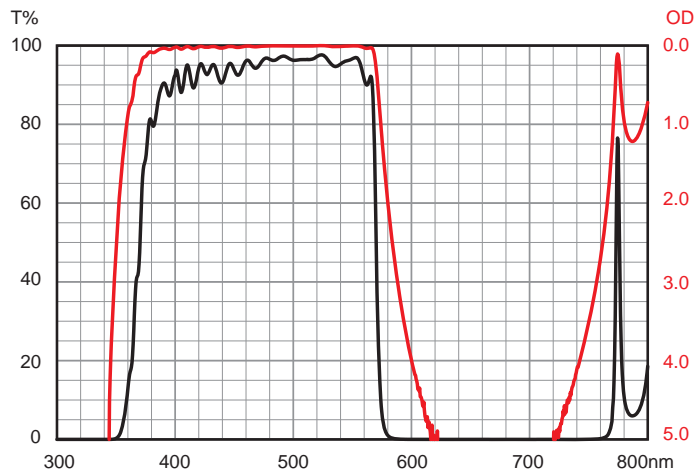
XVS0550
ZVS0550



Shortpass

Longpass

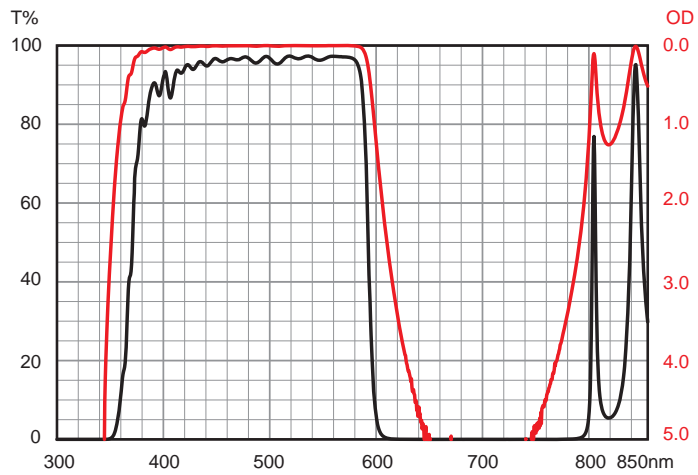
XVS0570
ZVS0570



Bandpass

Neutral Density

XVS0590
ZVS0590



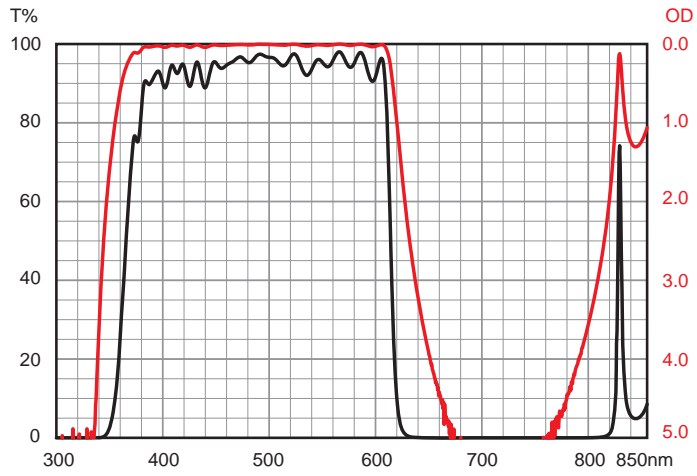
Mercury Line Emission

Super Cold

Others

Shortpass

XVS0610
ZVS0610



Longpass

Bandpass

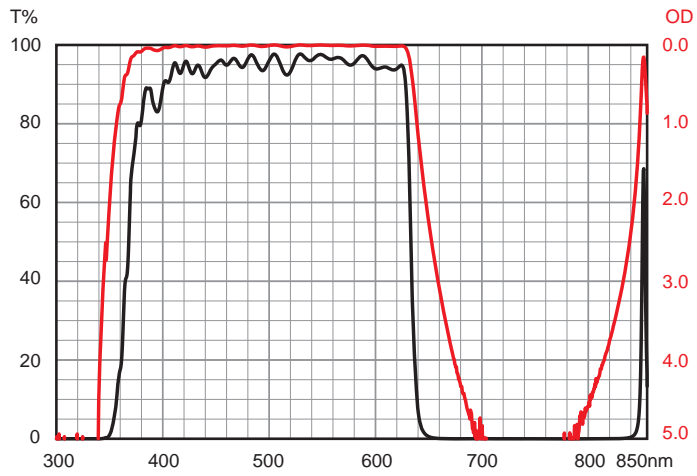
Neutral Density

Mercury Line Emission

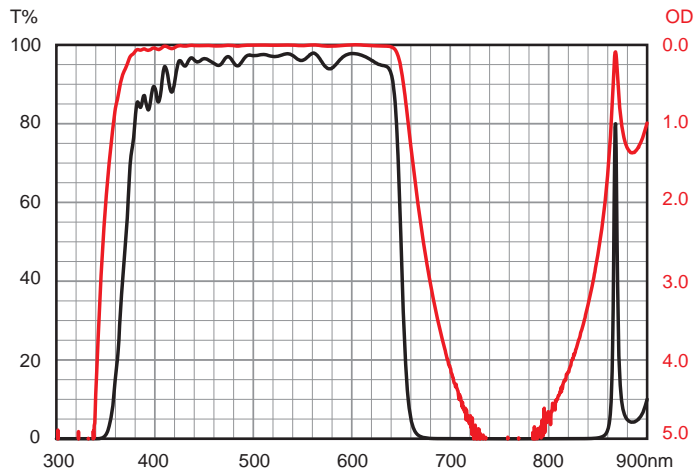
Super Cold

Others

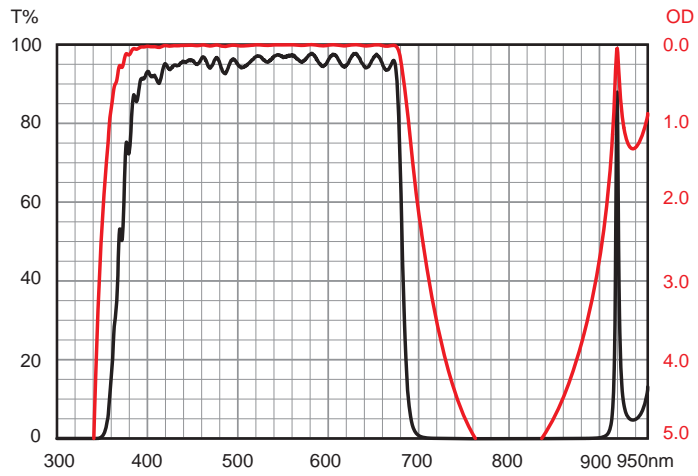
XVS0630
ZVS0630



XVS0650
ZVS0650



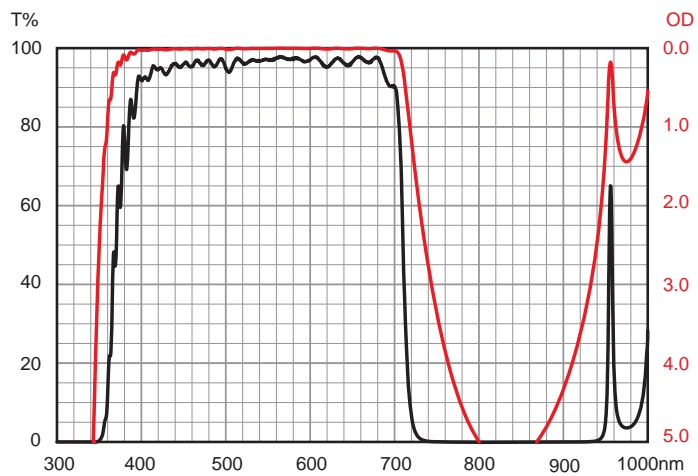
XVS0680
ZVS0680



Shortpass

Longpass

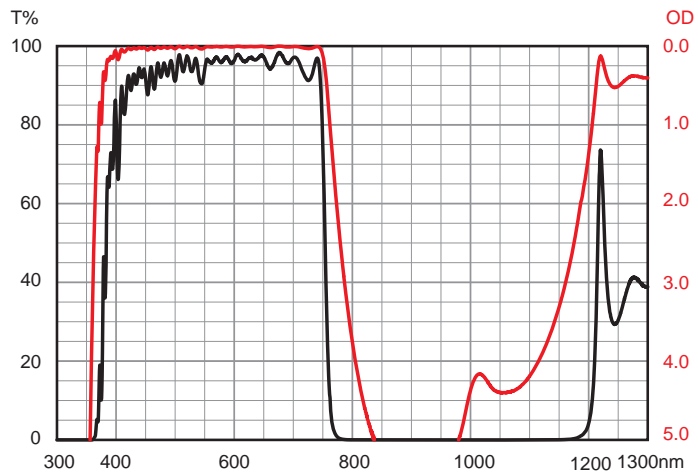
XVS0710
ZVS0710



Bandpass

Neutral Density

XVS0750
ZVS0750



Mercury Line Emission

Super Cold

Others

Shortpass

Longpass

Bandpass

Neutral Density

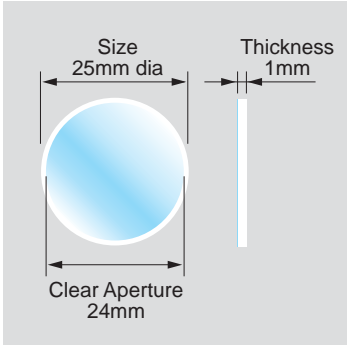
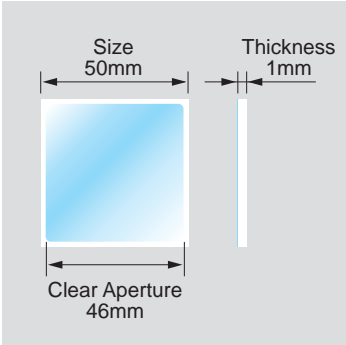
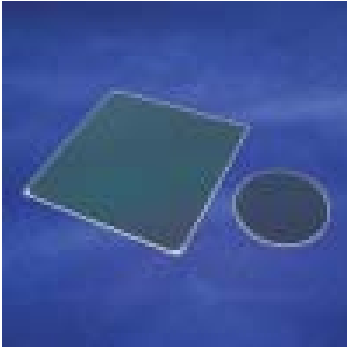
Mercury Line Emission

Super Cold

Others

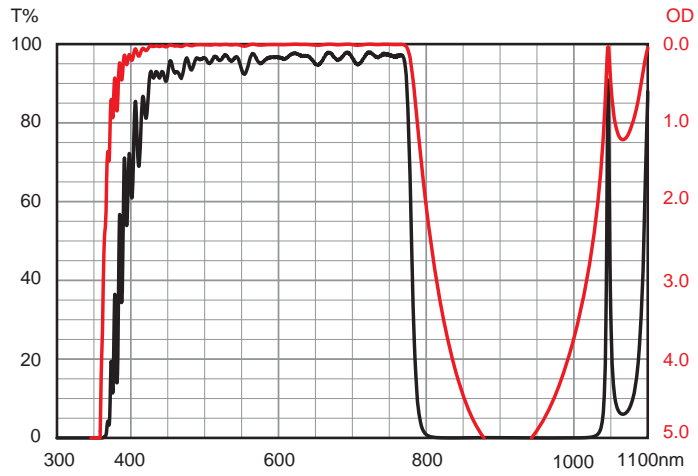
Shortpass Filter / IR

Shortpass Filter/IR is designed to have a sharp transition at each cut off point in IR range. This line is often used for making bandpass filters when you combine with our longpass filter/IR. They are also used for a study of security field such as finger vein authentic system. Substrate material is fused silica which has high durability against heat. All filters are coated by IAD, which achieves high durability against heat and humidity. Please contact us for custom filters that you cannot find in the standard product line.



Item Number	Cut Off Wavelength (nm) (T=50%)	Dimension (mm)	Substrate	Thickness (mm)
XIS0780	780 +7/-7	25 diameter	Fused Silica	1
ZIS0780		50 x 50		
XIS0810	810 +8/-8	25 diameter	Fused Silica	1
ZIS0810		50 x 50		
XIS0840	840 +8/-8	25 diameter	Fused Silica	1
ZIS0840		50 x 50		
XIS0870	870 +8/-8	25 diameter	Fused Silica	1
ZIS0870		50 x 50		
XIS0900	900 +9/-9	25 diameter	Fused Silica	1
ZIS0900		50 x 50		
XIS0930	930 +9/-9	25 diameter	Fused Silica	1
ZIS0930		50 x 50		
XIS0960	960 +9/-9	25 diameter	Fused Silica	1
ZIS0960		50 x 50		
XIS0990	990 +9/-9	25 diameter	Fused Silica	1
ZIS0990		50 x 50		

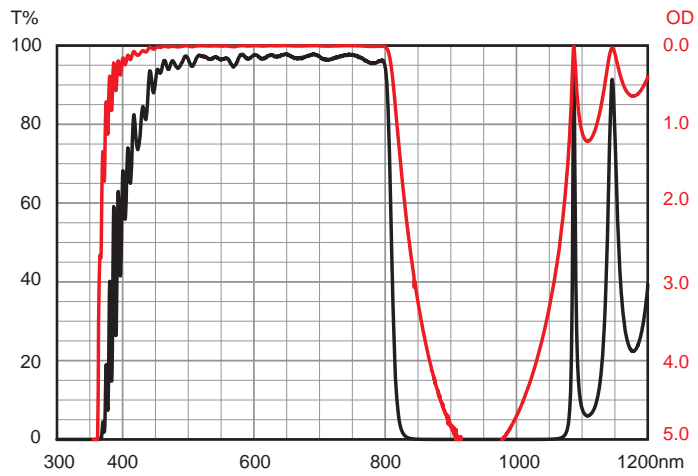
XIS0780
ZIS0780



Shortpass

Longpass

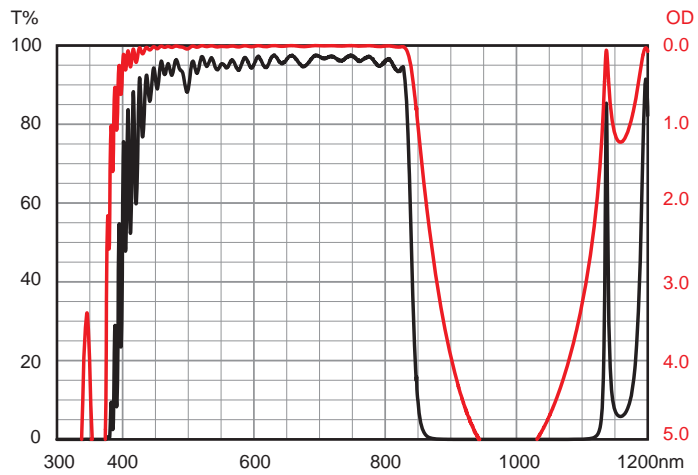
XIS0810
ZIS0810



Bandpass

Neutral Density

XIS0840
ZIS0840



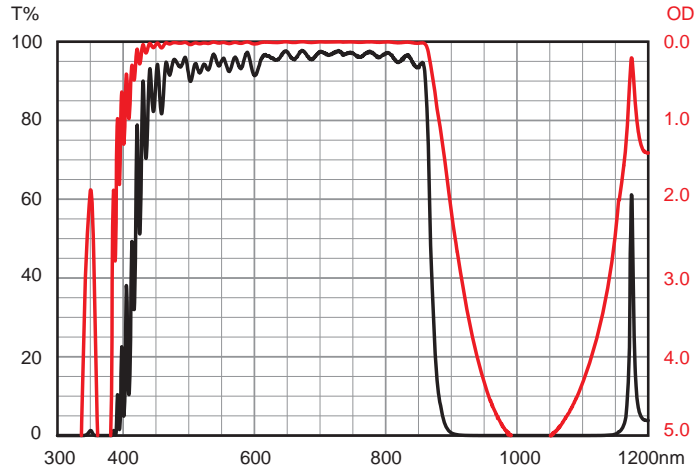
Mercury Line Emission

Super Cold

Others

Shortpass

XIS0870
ZIS0870



Longpass

Bandpass

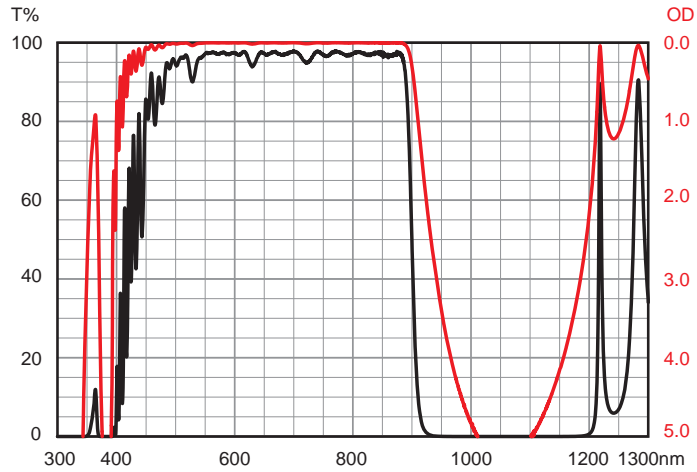
Neutral Density

Mercury Line Emission

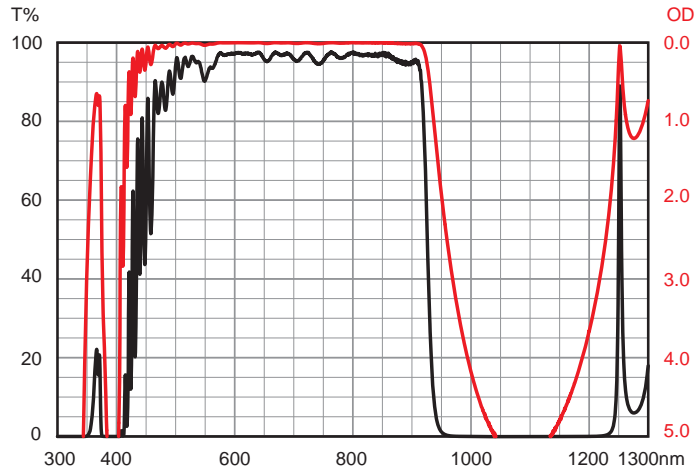
Super Cold

Others

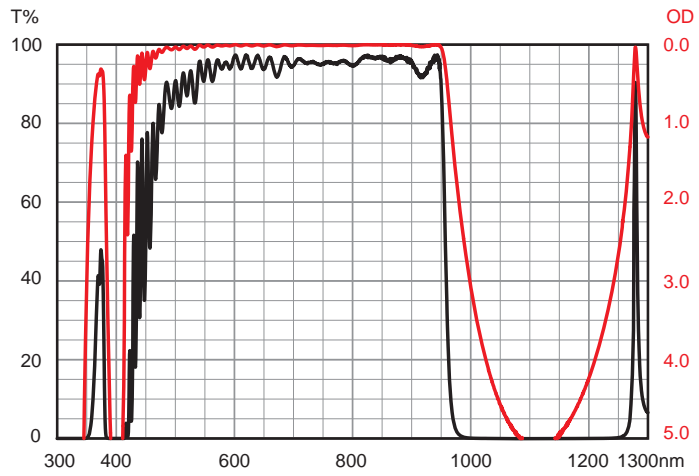
XIS0900
ZIS0900



XIS0930
ZIS0930



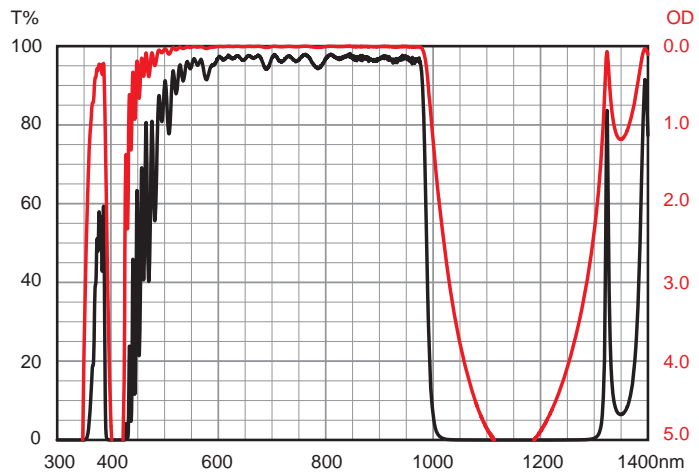
XIS0960
ZIS0960



Shortpass

Longpass

XIS0990
ZIS0990



Bandpass

Neutral Density

Mercury Line Emission

Super Cold

Others