

COLOR GLASS FILTERS

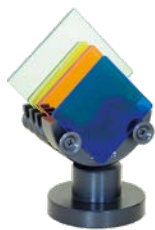
Color glass filters are made from optically polished highest quality Schott coloured optical glass. The spectral properties of these filters are uniform over the entire aperture and independent of the angle of incidence. Color glass filters can be used alone or in conjunction with monochromators or interference filters to isolate various spectral regions.

Specifications

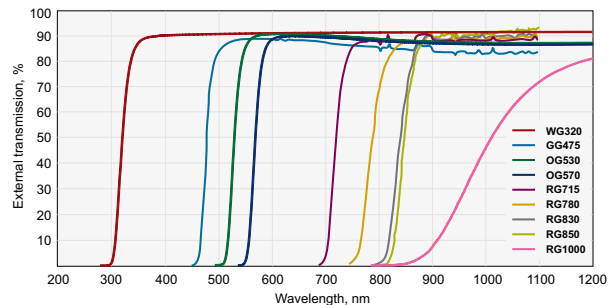
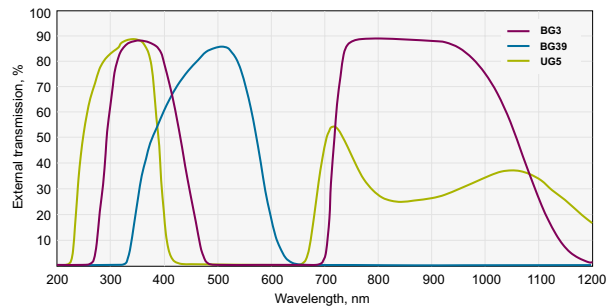
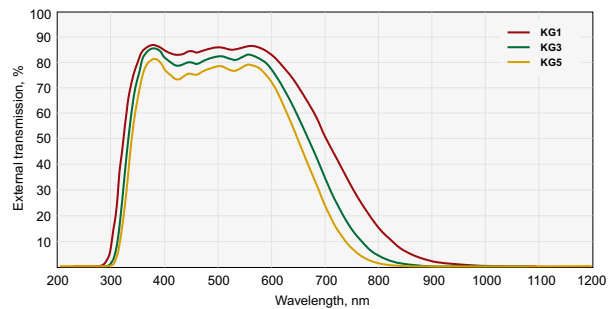
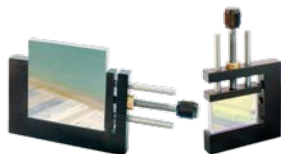
Material	Schott colour glass
Surface quality	60 – 40 scratch & dig (MIL-PRF-13830B)
Surface flatness	1λ per inch @ 633 nm
Parallelism	3 arcmin
Diameter tolerance	+0.0 / -0.2 mm
Thickness	3.0 ± 0.2 mm
Clear aperture	90% of the diameter

Related products

Filter Holders 830-0070A
Find more at EksmaOptics.com



Rectangular Optics Holders 830-0100, 830-0110
Find more at EksmaOptics.com



External transmission curves
(include reflections from uncoated surfaces)

Material	Ø25.4 mm		25.4x25.4 mm		Ø50.8 mm		50.8x50.8 mm	
	Catalogue nr.	Price, EUR	Catalogue nr.	Price, EUR	Catalogue nr.	Price, EUR	Catalogue nr.	Price, EUR
BG3	241-2003	32	241-3003	31	241-5003	61	241-6003	64
UG5	241-2005	54	241-3005	53	241-5005	107	241-6005	106
BG39	241-2039	38	241-3039	37	241-5039	76	241-6039	74
KG1	242-2001	29	242-3001	28	242-5001	56	242-6001	55
KG3	242-2003	32	242-3003	31	242-5003	61	242-6003	60
KG5	242-2005	34	242-3005	32	242-5005	62	242-6005	61
WG320	243-2320	29	243-3320	28	243-5320	56	243-6320	55
GG475	243-2475	29	243-3475	28	243-5475	56	243-6475	55
OG530	243-2530	29	243-3530	28	243-5530	56	243-6530	55
OG570	243-2570	29	243-3570	28	243-5570	56	243-6570	55
RG715	243-2715	29	243-3715	28	243-5715	56	243-6715	55
RG780	243-2780	34	243-3780	32	243-5780	62	243-6780	61
RG830	243-2830	34	243-3830	32	243-5830	62	243-6830	61
RG850	243-2850	34	243-3850	32	243-5850	62	243-6850	61
RG1000	243-2990	29	243-3990	28	243-5990	56	243-6990	55