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

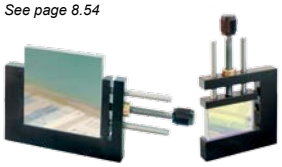
Material	Schott colour glass
Surface quality	60-40 scratch & dig (MIL-PRF-13830B)
Surface flatness	1λ per inch @ 633 nm
Parallelism	3 arcmin
Diameter tolerance	+0.0, -0.2 mm
Thickness	3.0 ± 0.2 mm
Clear aperture	90% of the diameter

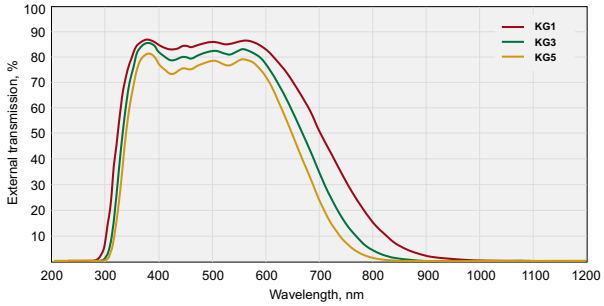
Custom sizes and shapes are available upon request.

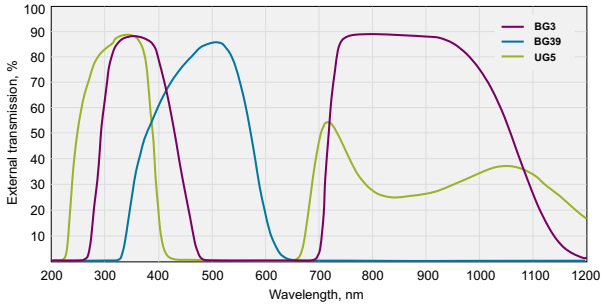
RELATED PRODUCTS

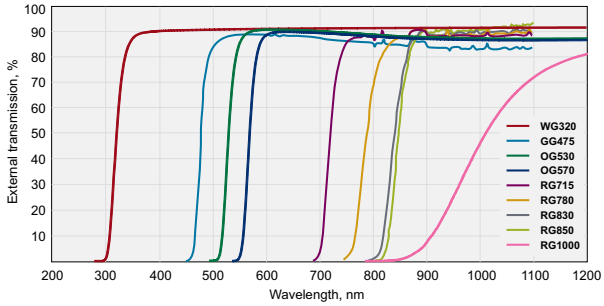
Filter Holders
830-0070A
See page 8.52

Rectangular Optics Holders
830-0100, 830-0110
See page 8.54









External transmission curves (include reflections from uncoated surfaces)

Material	Code				Price, EUR
	Ø25.4 mm	25.4×25.4 mm	Ø50.8 mm	50.8×50.8 mm	Ø25.4 / 25.4×25.4 / Ø50.8 / 50.8×50.8
BG3	**241-2003**	**241-3003**	**241-5003**	**241-6003**	27 / 26 / 51 / 53
UG5	**241-2005**	**241-3005**	**241-5005**	**241-6005**	45 / 44 / 89 / 88
BG39	**241-2039**	**241-3039**	**241-5039**	**241-6039**	32 / 31 / 63 / 62
KG1	**242-2001**	**242-3001**	**242-5001**	**242-6001**	24 / 23 / 47 / 46
KG3	**242-2003**	**242-3003**	**242-5003**	**242-6003**	27 / 26 / 51 / 50
KG5	**242-2005**	**242-3005**	**242-5005**	**242-6005**	28 / 27 / 52 / 51
WG320	**243-2320**	**243-3320**	**243-5320**	**243-6320**	24 / 23 / 47 / 46
GG475	**243-2475**	**243-3475**	**243-5475**	**243-6475**	24 / 23 / 47 / 46
OG530	**243-2530**	**243-3530**	**243-5530**	**243-6530**	24 / 23 / 47 / 46
OG570	**243-2570**	**243-3570**	**243-5570**	**243-6570**	24 / 23 / 47 / 46
RG715	**243-2715**	**243-3715**	**243-5715**	**243-6715**	24 / 23 / 47 / 46
RG780	**243-2780**	**243-3780**	**243-5780**	**243-6780**	28 / 27 / 52 / 51
RG830	**243-2830**	**243-3830**	**243-5830**	**243-6830**	28 / 27 / 52 / 51
RG850	**243-2850**	**243-3850**	**243-5850**	**243-6850**	28 / 27 / 52 / 51
RG1000	**243-2990**	**243-3990**	**243-5990**	**243-6990**	24 / 23 / 47 / 46