

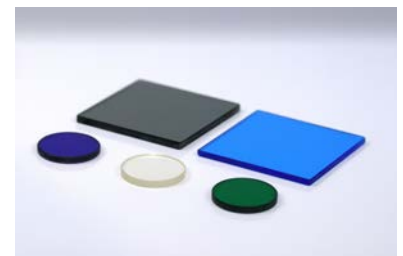
# Colour Glass Filter Capabilities



Colour glass filters are manufactured by injecting coloured dye into a glass substrate during the manufacturing process. The dye gives the filter its colour and spectral performance.

Colour glass filters are simple, stable optics and can be used in a range of applications such as cosmetic laser therapy and lighting. Due to their stability and uniform transmission across a clear aperture.

The wavelength of the filter is restricted by the number of colours available, however colour glass filters can be cut and polished to shape quickly and are easily mounted into standard filter mounts.



## Custom Capabilities

<b>Length/Width</b>	5mm to 300mm+
<b>Diameter</b>	5mm to 250mm
<b>Thickness</b>	Typically 3mm
<b>Dimensional Tolerance</b>	+/- 0.05mm
<b>Flatness (fr.)</b>	<2
<b>Parallelism (arcsec)</b>	<3
<b>Scratch/Dig</b>	<10:5
<b>Polish</b>	<P3

To keep up with the latest scientific developments, we guarantee that our in-house Metrology and Quality Assurance departments will not only deliver premium, individually inspected and tested optical components to your business, but should there be a need, can deliver bespoke optics designed to your exact specifications.

For more information on any of our optical services, to discuss your requirements or place a direct order with one of our technical sales team, please contact Knight Optical by Email: [info@knightoptical.com](mailto:info@knightoptical.com) or call direct on +44 1622 859 444 (UK, EUR or ROW) +1 401 583 7846 (USA & Canada).

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