

CAPABILITIES

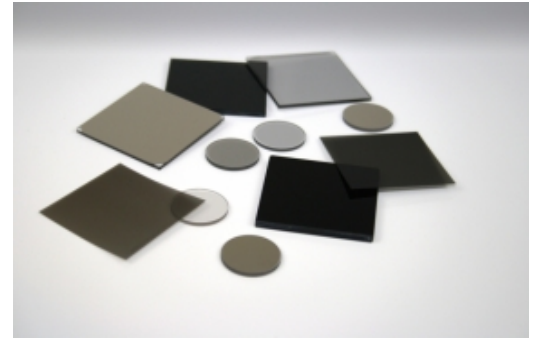
Neutral density filters

Neutral Density filters attenuate light by a constant amount that is independent of the wavelength and are typically used in photography.

Gelatin ND filters are low cost but tend to have more fluctuation with wavelength and a narrower wavelength range than glass ND filters and metallic types.

Glass ND filters are the most common ND filter and attenuate light by absorption just like the gelatine neutral density filters.

Metallic ND filters comprise a thin metallic layer on a borosilicate or UV grade fused silica polished windows. Metallic ND filters attenuate the light by reflection and thus avoid the possible heating issues with glass and gelatine neutral density filter types.



Custom capabilities

Dimensions:	5mm to 300mm+
Thickness:	
Gelatine	+/-0.05
Glass	+/-0.2
Metallic	< 10(5)
Optical density:	0.1 to 4.0
Mounting options:	Mounted or unmounted

Notes:

All products are tested in our state of the art metrology laboratory by our highly trained technicians to ensure compliance with the specification. Parts are then sent to our QA team to be cleaned and checked for surface imperfections before dispatch.

Please contact our technical sales team on (+44) 1622 849 444 to discuss your custom neutral density filter requirements and discover how Knight Optical can help improve your supply chain experience. Alternatively, email us your requirements by clicking on the links below.



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