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KO | BRINGING QUALITY INTO FOCUS

Gelatine Neutral Density Filters for use in Photographic Applications

Knight Optical can offer [Gelatine Neutral Density Filters](#) for use within Photographic Applications.

We supply a range of Gelatine Neutral Density Filters for a range of applications. All individually QA checked and metrology tested for quality to ensure parts meet customer specification. Supplied in a range of sizes and shapes with custom coatings tailored to meet your individual applications.

Knight Optical supply precision optical components to customers within Photographic Applications. Our Neutral Density Filters attenuate light neutrally over a wavelength range (usually visual). They can be used to lower the intensity of light prior to the image plane.

These are often used in photography, allowing photographers more flexibility with their setups to achieve the desired effects. Often an ND filter will be used in conjunction with a long exposure to prevent washed out and overexposed images. They can also be used to add motion blur, reduce depth of field and to use a wider aperture.

Our Gelatine ND Filters are the cheapest ND filters we offer and tend to have more fluctuation with wavelength and have a narrower wavelength range. Gelatine Filter work by absorbing light and therefore can become damaged by high powered light. They are very lightweight and can be easily adjusted in size to fit any application.

Typical specs:

Shapes:	Circular Filters, Square Filters
Dimensional Tolerances:	+/- 0.1mm
Density:	+/- 5%
Surface Quality:	< 60-40 Scratch/Dig

All our Gelatine Neutral Density Filters are fully inspected on their quality in our ISO 9001 certified, state-of-the-art Metrology laboratory, using our Cary 7000 UMS. This allows us to work to the highest [QA standards](#) and meet the tolerance specifications on these **precision components**.

[Contact our technical sales team](#) to discover how Knight Optical's high quality Neutral Density Filters and superior service can improve your instrumentation and supply chain experience.

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- [View our QA and metrology information](#)
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