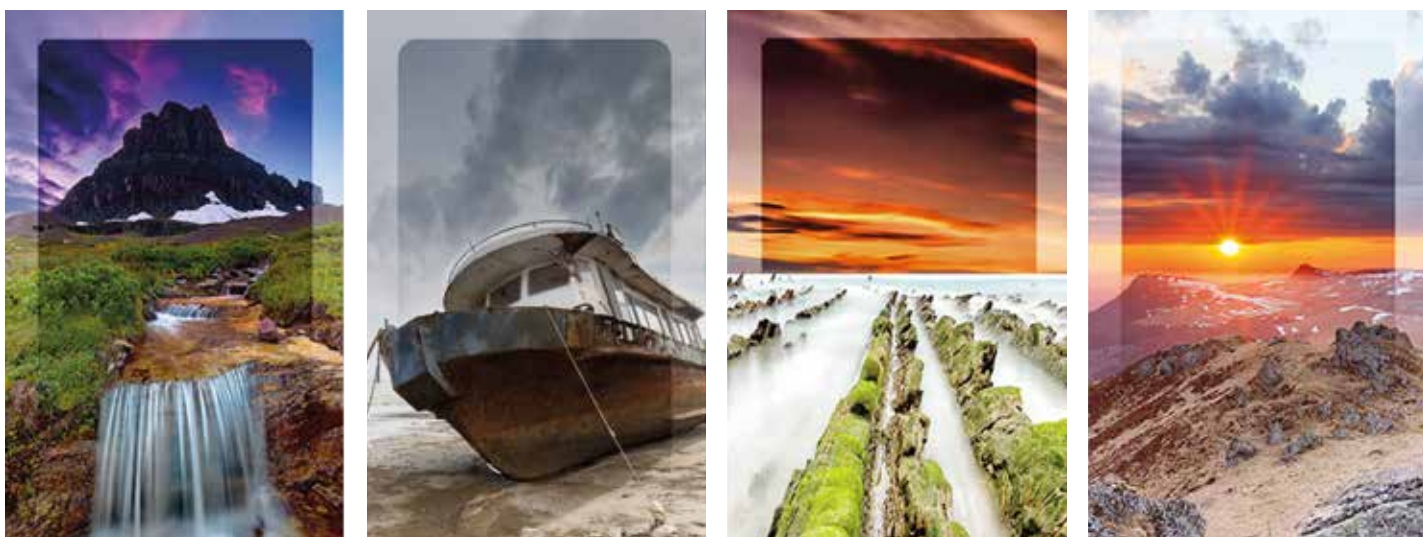


GND filter

GND filter (graduated neutral density)-filter darks only partially the image taken. You can differentiate between 4 types: soft GND, medium GND, hard GND and reverse GND.

Distinctions and typical fields of application for GND



There is no transition between darkened and bright part of image. This is especially useful when taking images from mountains, trees, lighthouses and other motifs soaring.

The newest development is the NiSi medium GND filter with a medium strength transition. It fits perfectly to adjust the exposure time when buildings, mountains et cetera soar and the soft GND would be too soft.

There is a hard transition between darkened and bright image area. This is **important** when a clear horizon exist. This mainly at the coast or skies covering a skyline.

The darkened area is located in the middle of the filter and therefore optimized for sunsets or sundowns to darken the horizon only.

NiSi professional filter system – a must have for every landscape photographer

An overview about the benefits by using the high quality NiSi filters:

- High quality optical glass
- Cut and polished on both sides for best image definition
- Less vulnerable for scratches and UV radiation through super multi coating
- Water and oil repellent through nano coating – therefore easy to clean
- High color fidelity through in-house developed ULLC (ultra low color cast)-coating
- Antireflective duplex coating to minimize reflections, blooming and color shifting
- Filter holder with integrated and rotating polarizing filter
- Also available filter holder for extreme wide-angle lenses from Canon Nikon and SIGMA
- High quality filter bag for best protection and easy transport



COME IN AND TRY OUT!

No matter if you are a beginner or a professional – we have the optimal NiSi filter set for you! We do appreciate to personally advise you and give you a **plenty** of hints how to get the perfect image with NiSi filters!

Visit us at www.ringfoto.de and find pictures and videos about the professional NiSi filter system.



NiSi PROFESSIONAL FILTER SYSTEM

Discovering new perspectives



High quality nano coated glass filter

NOW available on the German market!

For breathtaking images in the landscape photography



NiSi professional filter system

High quality filter helps your camera to perfectly capture sceneries. Especially taking landscape images the sensor is not always able to process properly high contrasts. Only with an appropriate filter you will get the best results. NiSi filter system offers you a wide range of high quality filters for capturing breathtaking images.



ND

ND filter

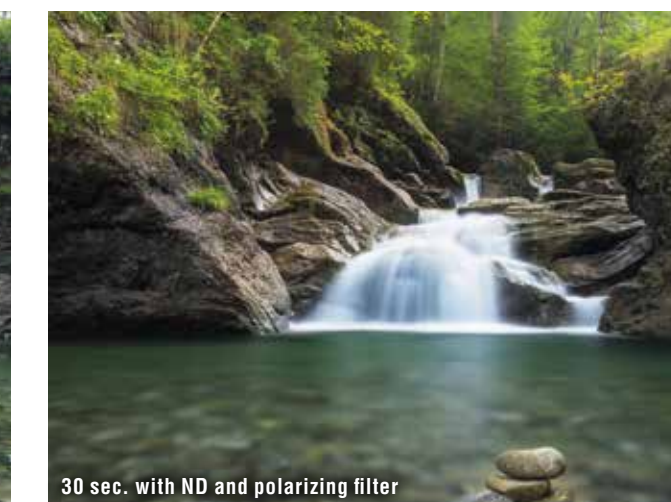
ND filter (neutral density filter) reduces the intensity of light incidenting the camera sensor. High quality NiSi filter reduces in a steady manner the wavelength of light and prevents from color cast. The filter differs by the optical density from ND 2 to ND 1000K. ND-filter are often used to realize an open aperture or a long time shutter speed in bright light environments. You can display moving objects (e.g. water) flowing or you can eliminate moving objects to display deserted street sceneries.

Distinctions and typical fields of application for ND filter

ND filter helps when using wide aperture head shot lenses in bright sunshine with an open aperture to get a blurred background and to avoid overexposed images even using shortest possible (e.g. 1/4000 or 1/8000 sec) exposure time.



1/160 sec.



30 sec. with ND and polarizing filter

ND filter is absolutely essential when a long-time exposure with few seconds or even minutes is required to display flowing water as a fog or to show windy clouds dynamic like long-drawn-out traces.



ND filter is also needed when taking images in bright sunshine with an open aperture to get a beautiful bokeh. With ND filter moving objects can be displayed blurred or nearly magiced away, to show deserted steets and places.

Specifications of ND and GND filters

ND and GND filters are offered by different optical density.
The higher the optical density the stronger the light reducing impact of the filter.



An overview on NiSi square ND

An overview on NiSi square ND

70 mm system

Für 30 mm - 58 mm filter thread

IR ND 70 mm x 80 mm	IR GND 70 mm x 100 mm	filter holder
IR ND8 (0.9)	Soft GND Soft nano IR GND8 (0.9)	incl. polarization filter incl. main adapter (58 mm)
IR ND64 (1.8)	Hard GND Hard nano IR GND8 (0.9)	Further adapter rings 37 - 58 mm 39 - 58 mm 40 - 58 mm 40.5 - 58 mm 43 - 58 mm 46 - 58 mm 49 - 58 mm 52 - 58 mm 55 - 58 mm
IR ND1000 (3.0)	Reverse GND Reverse nano IR GND8 (0.9)	

Universal filters for nearly every lens

100 mm system

Für 52 mm - 82 mm filter thread

IR ND 100 mm x 100 mm	IR GND 100 mm x 150 mm	polarization filter 100 mm x 100 mm	filter holder
IR ND4 (0.6) IR ND8 (0.9) IR ND16 (1.2) IR ND32 (1.5) IR ND64 (1.8) IR ND128 (2.1) IR ND256 (2.4) IR ND 500 (2.7) IR ND1000 (3.0) IR ND2000 (3.3) IR ND3200 (4.5) IR ND1000K (6.0)	Soft GND Soft nano IR GND2 (0.3) Soft nano IR GND4 (0.6) Soft nano IR GND8 (0.9) Soft nano IR GND16 (1.2) Soft nano IR GND32 (1.5)	Natural Night 100 mm x 100 mm	V5 incl. polarization filter 86 mm incl. main adapter 82 mm
	Medium GND Medium nano IR GND4 (0.6) Medium nano IR GND8 (0.9) Medium nano IR GND16 (1.2)	82 mm main adapter	V5 Pro incl. polarization filter 86 mm incl. main adapter 82 mm
	Hard GND Hard nano IR GND4 (0.6) Hard nano IR GND8 (0.9)	Further adapter rings 49 - 82 mm 52 - 82 mm 55 - 82 mm 58 - 82 mm 62 - 82 mm 67 - 82 mm 72 - 82 mm 77 - 82 mm	V5 Pro incl. landscape polarization filter incl. main adapter 82 mm
	Reverse GND Reverse nano IR GND8 (0.9) Reverse nano IR GND16 (1.2)		polarization filter 86 mm
			landscape polarization filter 86 mm
	HORIZON ND Horizon nano IR ND16 (1.2)		V5/V5 Pro filter protective hood

Ideal filters for extreme wide-angle lenses and medium-format lenses

150 mm system

For super wide-angle lenses without filter thread

IR ND 150 mm x 150 mm	IR GND 150 mm x 170 mm	polarization filter 150 mm x 150 mm	filter holder
IR ND8 (0.9) IR ND64 (1.8) IR ND1000 (3.0) IR ND32000 (4.5)	Soft GND Soft nano IR GND4 (0.6) Soft nano IR GND8 (0.9) Soft nano IR GND16 (1.2) Soft nano IR GND32 (1.5)	Natural Night 150 mm x 150 mm	filter holder 95 mm filter holder 105 mm
	Hard GND Hard nano IR GND8 (0.9)	82 - 95 mm	NIKON 14 - 24 mm NIKON 19 mm ED TS OLYMPUS 7 - 14 mm PRO SAMYANG 14 mm 2.8 SIGMA 12 - 24 mm ART SIGMA 12-24 mm DG HSM II SIGMA 14 mm ART SIGMA 20 mm 1:1.4 ART SONY 12-24 FE G TAMRON 15 - 30 mm TOKINA 16 - 28 mm VOIGTLÄNDER 10 mm
	Reverse GND Reverse nano IR GND8 (0.9)	77/82 mm adapter rings on holder NIKON 14 - 24 mm	77 mm adapter ring 82 mm adapter ring
		Adapting für SIGMA 12-24 mm DG HSM II am Halter NIKON 14 - 24 mm	Adapter for SIGMA 12 - 24 mm ART combined with filter holder for CANON 11 - 24 mm

Ideal filters for unique wide-angle lenses

180 mm system

For extreme wide-angle lenses without filter thread

IR ND 180 mm x 180 mm	IR GND 180 mm x 210 mm	polarization filter 180 mm x 180 mm	filter holder
IR ND8 (0.9) IR ND64 (1.8) IR ND1000 (3.0)	Soft GND Soft nano IR GND8 (0.9) Soft nano IR GND16 (1.2)		For CANON 11 - 24 mm
	Hard GND Hard nano IR GND8 (0.9)		77 mm adapter ring 82 mm adapter ring
	Reverse GND Reverse nano IR GND8 (0.9)		Adapter for SIGMA 12 - 24 mm ART combined with filter holder for CANON 11 - 24 mm

NiSi
Camera&Cinema filters

Extraordinary filters

Contrary to many filters available in the market made of plastic or synthetic resin, NiSi filters are made from high quality and nano coated glass which guarantees best results in sharpness and color fidelity. Moreover it is possible to combine easily ND or GND filter with a polarization filter. This NiSi patent enables you taking spectacular landscape images.

