

1. Gorilla®* Glass

- ▶ Extremely robust and durable
- ▶ High translucency
- ▶ No optical distortion

2. Titanium Ring

- ▶ Ideal for the outdoor use
- ▶ Resists huge variation in temperature
- ▶ Dimensionally stable

3. Luminance Coating

- ▶ Highest colour fidelity
- ▶ Low reflections
- ▶ Scratch-resistant

4. Engineered & Quality Controlled In Germany

- ▶ Strict technical guidelines
- ▶ Individual quality control in Germany
- ▶ Special measuring procedure

Engineered & Quality Controlled in **Germany**

Luminance Coating



2 in 1
ND+CPL

Two filters combined in one – how it works

- ▶ ND filter is the abbreviation for neutral density filter. The ND filter is used to achieve a uniformly moderate darkening of the image. In addition, it gives the image a uniformly neutral grey colour so that the colour rendition cannot be altered.
- ▶ An ND filter makes the subject darker by several guide values thus preventing over-exposed images.
- ▶ Frequent applications for ND filters include taking shots with blur effects or of running water under daylight conditions. ND filters are used with various degrees of darkening, depending on the prevailing light conditions for the desired aperture and exposure time.

In combination with the integrated polarizing filter – also known as polarizing filter or CPL – the additional effects can be achieved:

- ▶ Polarizing filters produce particularly intense colours in blue skies and in the plant world.
- ▶ Polarizing filters suppress unwanted reflections on non-metallic surfaces and enable the viewer of the picture to see through reflective glass and reflective water surfaces.

Technical Data

Neutral grey filter IR	ND8 + CPL	ND64 + CPL	ND1000 + CPL
Optical density	0.9	1.8	3.0
F-Stop reduction	3 stops	6 stops	10 stops
Degree of permeability	12.5 %	1.563 %	0.098 %
Material	Gorilla®* Glass, Ring made of titanium		
Available in the Ø	49, 52, 55, 58, 62, 67, 72, 77 and 82 mm		