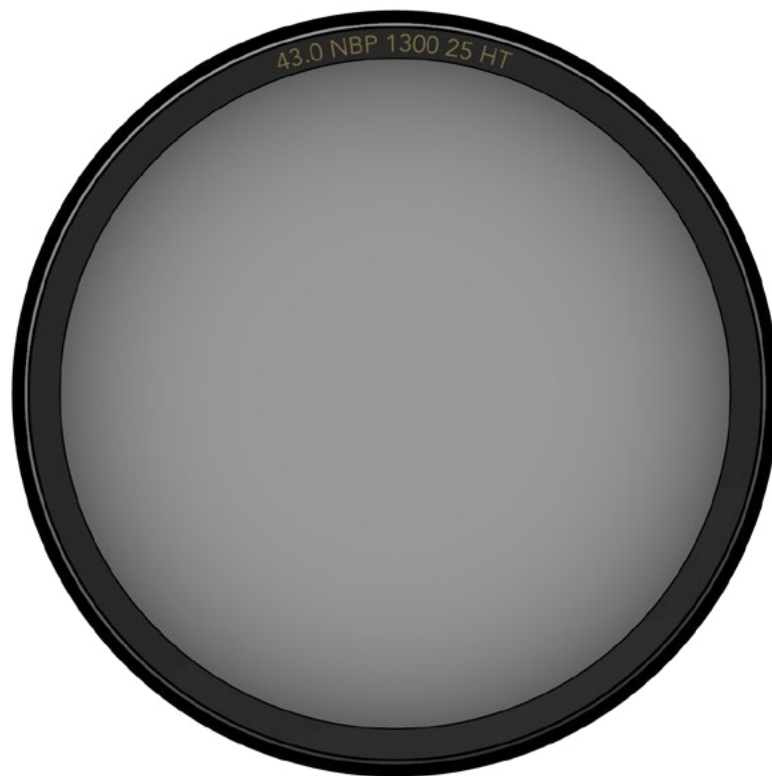


S W I R

Our SWIR filters reveal the invisible for superior analysis and quality control. They are designed for industrial applications and harsh environments.



Color	Name	Status	Order name	Blocking	Wavelength range, 50%–50% [nm]	Center wavelength [nm]	Bandwidth [nm]
●	NBP 1300-25 HT	standard	NBP 1300-25 HT	OD4	1287-1313	1300	25
●	NBP 1450-25 HT	standard	NBP 1450-25 HT	OD4	1437-1463	1450	25
●	NBP 1550-35 HT	standard	NBP 1550-35 HT	OD4	1532-1568	1550	35

IDEAL FOR DETECTING HIDDEN DEFECTS AND ENHANCING MATERIAL ANALYSIS

Key Features:

- Center wavelength: 1300 nm to 1550 nm
- Blocking OD4
- Transmission 80% to 90% average
- Bandwidth 25 nm to 35 nm
- Steep edges

Typical applications:

- Agriculture
- Mining
- Solar cell inspection
- Art inspection/counterfeit detection
- Pharmaceutical manufacturing

SEE THE INVISIBLE

SWIR is the third dimension next to VIS and grayscale. It can make things visible that are invisible to the naked eye. For example, overpainted scenes in paintings, bruises on fruit, or empty spaces in pharmaceutical packaging. None of this would be visible without SWIR. The SWIR filters from Schneider-Kreuznach, with their narrow bandwidth and steep edges, help to detect exactly these things better and more efficiently. As a result, they help to significantly improve the quality of analyses.

What is the function of a SWIR filter?

A SWIR filter selectively transmits short-wave infrared light to reveal details not visible in the visible spectrum.

MORE INFORMATION

Discover the variety of our high quality lenses. For more technical details on the filters and datasheets, please visit our website: www.schneiderkreuznach.com/swir-filter

