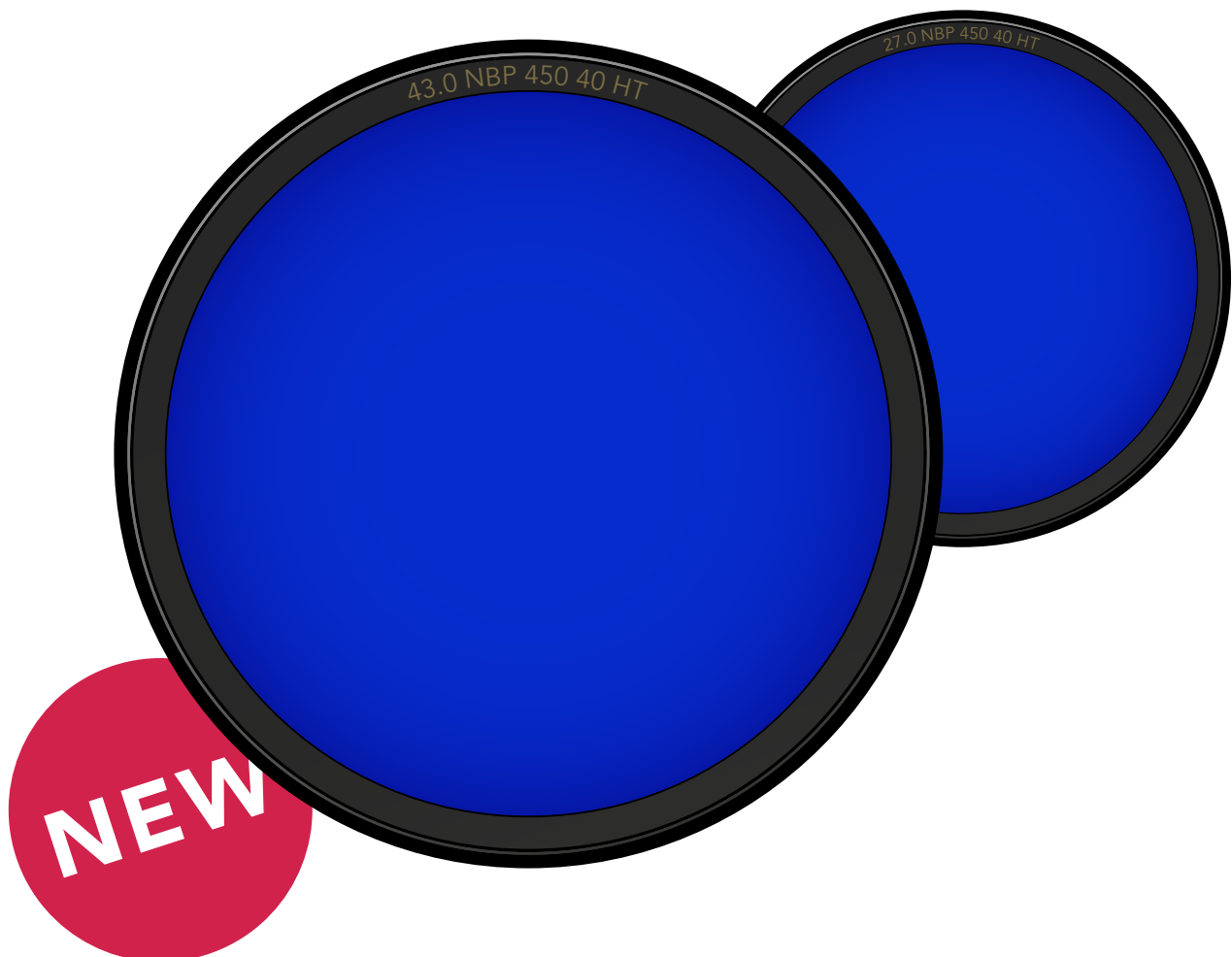
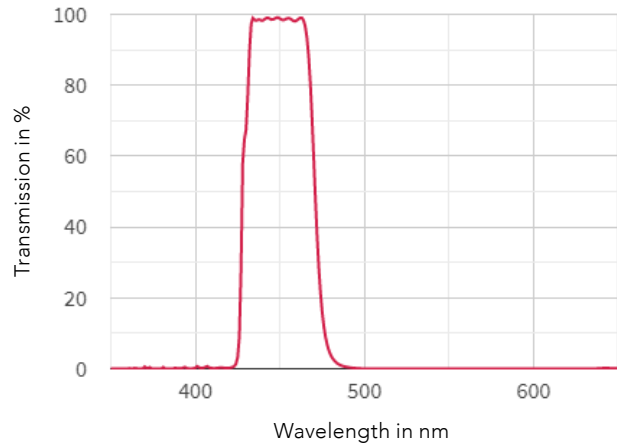
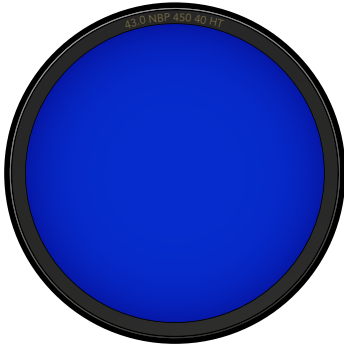


# NBP 450-40

The Narrow Bandpass Filter NBP 450-40 is ideal for blue lasers and LEDs of 450 nm wavelength.



## NBP 450-40



Ideal for blue lasers and LEDs of 450 nm wavelength

### NARROW BANDPASS - NBP 450-40

The NBP 450-40 blue narrow bandpass has a peak wavelength of 450 nm, making it ideal for use with blue lasers and LEDs. The main applications are the precise measurement of components and the inspection of meat products.

#### Typical applications:

- Laser/LED applications
- Body measurement (Automotive)
- 3D and 2D measurement
- Food inspection
- Fluorescence

#### Key Features:

- Developed for applications for lasers/LEDs with 450 nm
- Steep slopes
- Average transmission of 95 %
- Strong blocking
- High optical density

#### Main markets:

- Industry
- Food and beverage
- Medical
- Automotive

Technical specifications	According to ISO 10110
Angle of incident	0° +/- 8°
Central Wavelength (CWL)	450 +/- 3nm
Full Width at Half Maximum (FWHM)	40 +/- 1nm
Transmittance	433 - 466 nm: Tabs > 90%
Blocking	< 420 nm: Tabs < 0.5% 490 - 990 nm: Tabs < 0.5%
Parallelism	1'
Wavefront distortion	∅ >18 - 30 mm: 13/ 1(0.25) ∅ >30 - 50 mm: 13/ 1(0.30)

#### More Schneider-Kreuznach industrial filters:

- Bandpass Filters
- Narrow Bandpass Filters
- Shortpass Filters
- Longpass Filters
- Neutral Density Filters
- Polarizer Filters
- Color Filters
- UV-Cut & IR-Cut Filters

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