

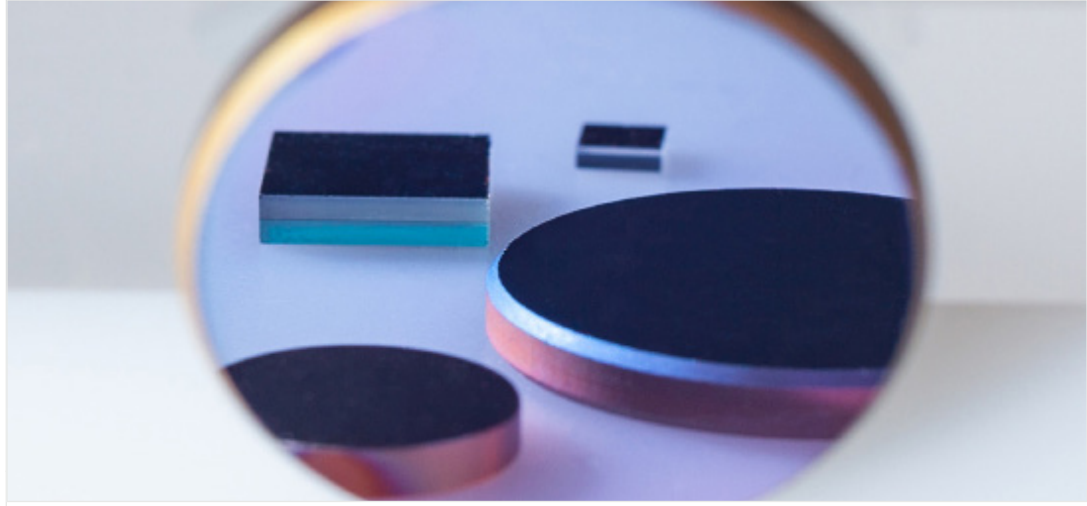


## Head Office:

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## 4.530µm Filter for Nitrous Oxide Detection (N<sub>2</sub>O) (CO<sub>2</sub>)

**Part Number:** NBP-4530-85-25

**Diameter Sample:** 25mm

**Price:** £250.00 (Free Shipping)

- Stock Nitrous Oxide Filters "on the shelf" for next day shipping, 25 mm diameter x 0.5 mm thick.
- Vortex's trademark RockArd® deposition technology makes our filters highly durable and suitable for the toughest environments.
- All of our filters exhibit high angular tolerance, extremely low change with temperature and very high resistance to thermal shock.

## Suitable Detectors

These Filters are suitable to be used in Lead Selenide (PbSe), Mercury Cadmium Telluride (MCT) and Boltometer type detectors.

## Optical Specification

Centre Wavelength	4530 nm (+/- 20nm)
FWHM	85 nm (+/- 10nm)
Transmission Peak	>75%
Blocking Range	UV - 20µm+
Angle Of Incidence	0°
Substrate	25 mm Diameter, 0.5 mm Thick
Surface Quality	Less than 60-40 Scratch-Dig

## Environmental Specification

Adhesion	MIL-C-48497A	Para 4.5.3.1
Humidity	MIL-C-48497A	Para 4.5.3.2
Mild Abrasion	MIL-C-48497A	Para 4.5.3.3
Severe Abrasion	MIL-C-48497A	Para 4.5.5.1
Cleanability	MIL-C-48497A	Para 4.5.4.2
Water Solubility	MIL-C-48497A	Para 4.5.5.3

## Do you need a custom quote?

For large volumes and specific enquiries please get in touch!

## Spectral Performance

