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4.260µm Filter for Carbon Dioxide Detection (CO₂)

Part Number: NBP-4260-160-25

Diameter Sample: 25mm **Price:**

£300.00 (Free Shipping)

- Stock Carbon Dioxide 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	4260 nm (+/- 20nm)
FWHM	160 nm (+/- 21nm)
Transmission Peak	>70%
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

