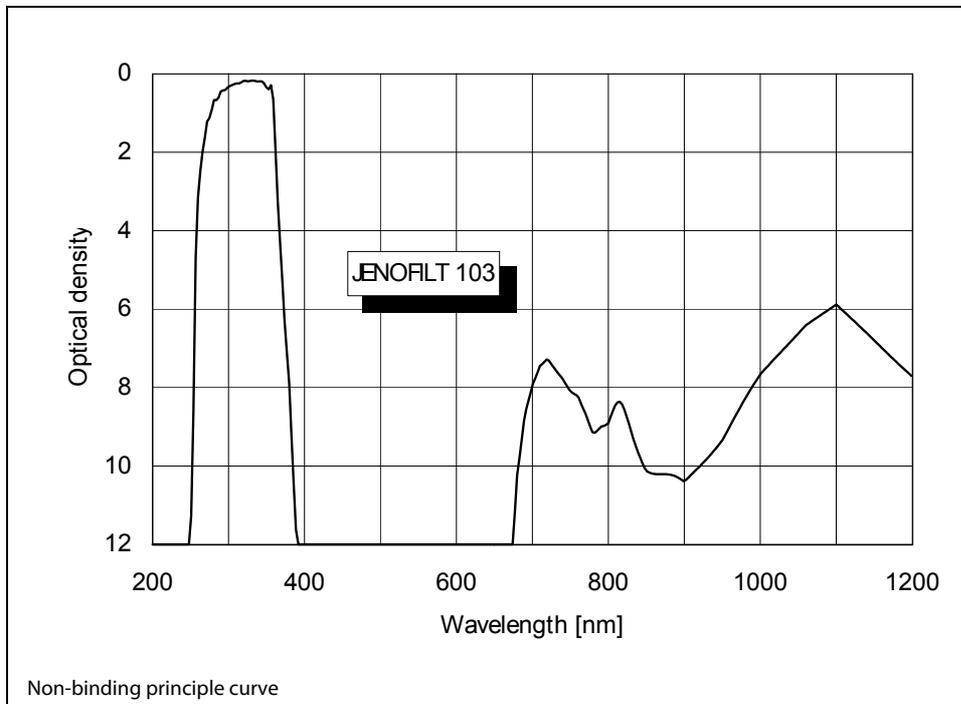


JENOFILT 103

360 nm cut-off UV Filter



Edge Filter for UV

Optical properties:

Cut - off wavelength: (360 ± 3) nm

Transmission range: $290 \text{ nm} \leq \lambda \leq 360 \text{ nm}$

Blocking range: $\text{OD} > 10$ for $385 \text{ nm} \leq \lambda \leq 650 \text{ nm}$

$\text{OD}_{\text{ave}} > 6$ for $650 \text{ nm} \leq \lambda \leq 1200 \text{ nm}$

similar to prinziple curve

(Angle of incidence: $i = 0^\circ$)

Applications:

These filter ensures a very high blocking in the visible range.

It is suitable for suppressing undesirable VIS and NIR stray light to improve the signal to noise ratio in UV dedecting or imaging optical systems.

Durability:

Humidity: MIL-C-48497A / section 4.5.3.2

Temperature: -40°C to $+80^\circ\text{C}$

Substrate material:

The filter consists of a cemented combination of interference filters and color glass slides.

Typical diamaters are 15 to 50 mm with a thickness of about 6 - 7 mm.

Special features:

The cut-off wavelength shifts to shorter wavelengths with an increasing incidence angle.

Other cut-off wavelengths are possible on request.

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