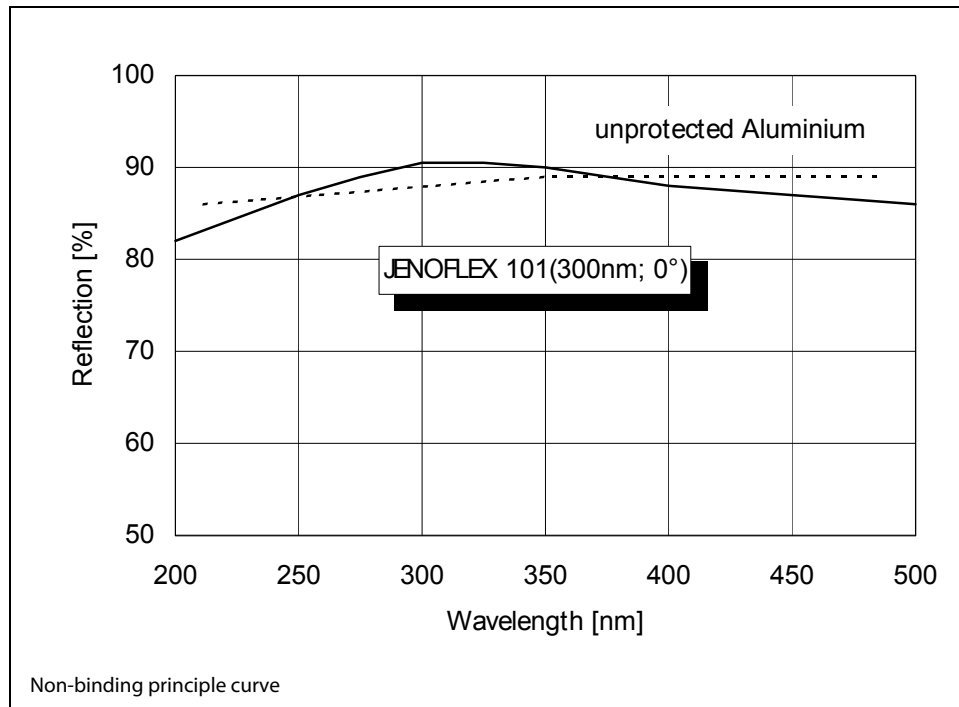


JENOFLEX 101

Protected Aluminium Mirror for UV



Front Surface Metallic Mirror

Optical properties:

$R \geq 90\%$ at the design wavelength

$R \geq 80\%$ for $200\text{ nm} \leq \lambda \leq 400\text{ nm}$

Applications:

JENOFLEX 101 is a durable front surface mirror especially for the UV-range from 200 to 400 nm. The protective layer may be optically adjusted to a privileged design wavelength.

Standard wavelengths are: 250 nm, 300 nm, 350 nm

The angle of incidence is 0° or 45° .

Durability:

Abrasion resistance: The coating will not be damaged if carefully using a soft cloth or cotton wool and ethanol (96 %).

Adhesion: MIL-M-13508C / section 4.4.6

Temperature change: MIL-M-13508C / section 4.4.4

Substrate material:

UV-glasses, e.g. quartz, are typically used.

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JENOFLEX 101 (wavelength; angle of incidence)