Data sheet

JENOFLEX 101

Protected Aluminium Mirror for UV

Optical properties:
\[ R \geq 90\% \text{ at the design wavelength} \]
\[ R \geq 80\% \text{ for } 200 \text{ nm} \leq \lambda \leq 400 \text{ nm} \]

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.

Ordering code:
JENOFLEX 101 (wavelength; angle of incidence)