

Neutral Density Glass Filters

Description	Neutral density glass filters, solid filters, certified
Use	Checking the photometric accuracy (absorbance) in the visible range (440 nm to 635 nm)
Material	Filter material NG 11, NG 5, NG 4 supplied by SCHOTT Glaswerke

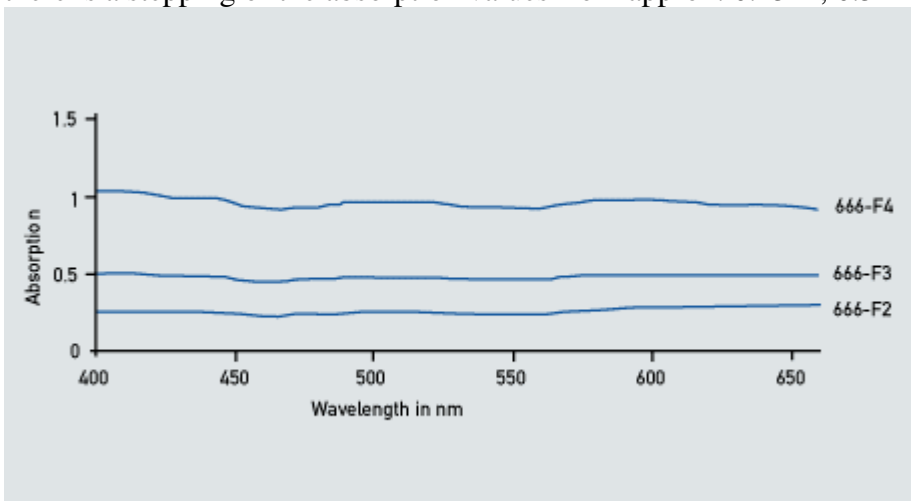
666-F2, 666-F3 und 666-F4 Neutral Density Glass Filters



For decades SCHOTT has been using neutral density glass filters in the Vis spectrum for testing the photometric accuracy and linearity.

They provide a relatively constant transmission over the visible wavelength spectrum and are calibrated at the following wavelengths: 440.0 nm, 465.0 nm, 546.1 nm, 590.0 nm, 635.0 nm

If desired, other wavelengths are also possible. The thickness of the filters is determined such that there is a stepping of the absorption values from approx. 0.25 A, 0.5 A and 1 A.



Typical spectrum of the neutral density glass filter, taken with a slit width of 1 nm