

Etching Mirrors

GENERAL

EMF provides glass plates with a specialized Aluminum coating for use in photolithography applications.

FEATURES

- Delivers sharp definition in black and white and grayscale patterns.
- Facilitates rapid, homogenous etching.
- Prevents parasitic reflections.
- Provides strong durability that meets very low pinhole requirements.

SPECIFICATIONS

Substrate: Borosilicate glass to withstand high temperatures.

Thickness: 1.1mm, 1.75mm.

Dimensions: 5" x 5" and 6" x 6".

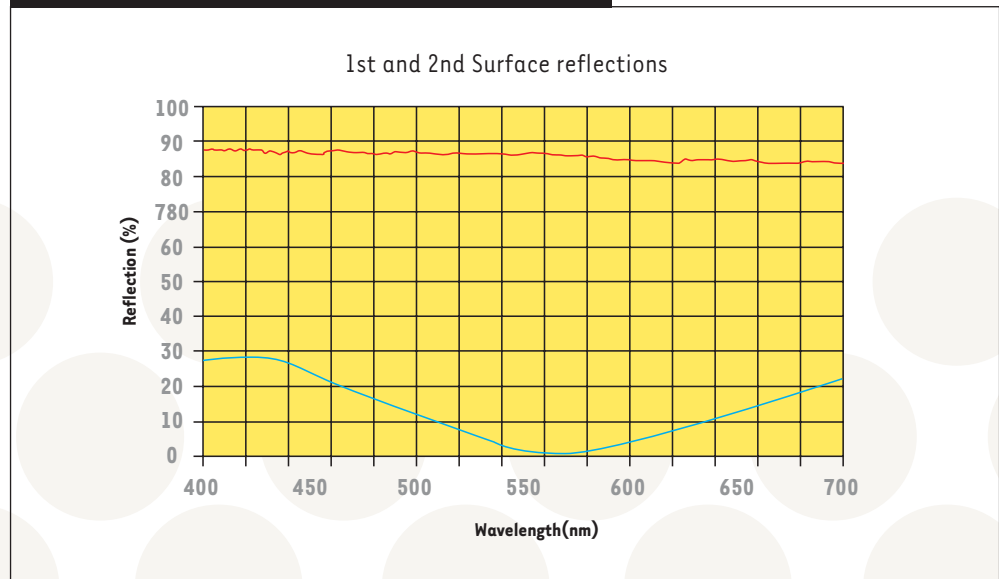
Reflectance: First surface R avg. < 15% @ 450-650 nm,
Second surface R > 81%, normal AOI

Surface Quality: 60/40

Adhesion: Tape test: Mil-M-13508C

Durability: Moderate Abrasion: Mil-M-13508C

SPECTROMETRIC CHARACTERISTICS



CUSTOM SPECIFICATIONS

Substrate, dimensions and reflectance can be custom-designed to your specifications. Photoresist can be applied as an option. Please contact us for more information.