

MAL (mirror aluminized)

MAL series mirrors are front surface aluminized, on select float glass. The aluminum is overcoated with all dielectric layers to enhance reflectivity and protect against heat, humidity and abrasion. These mirrors are typically used for photocopiers, scanners, facsimile machines and other instrumentation.

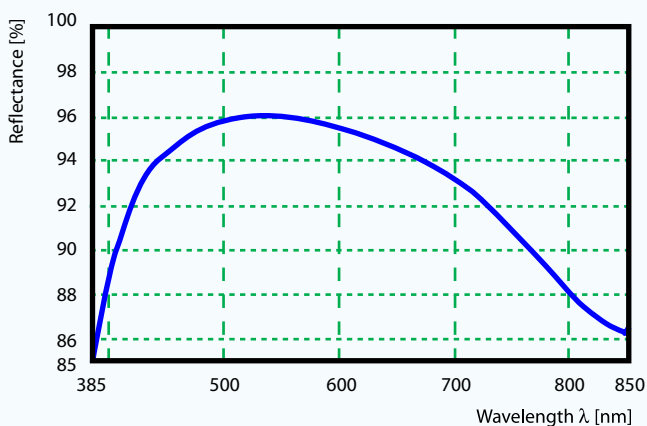
The MAL series mirrors are an excellent choice for high quality mirror applications requiring durability and high reflection.

Please see the specifications below, allow our thin film coating group to make any necessary adjustments to meet your immediate needs.

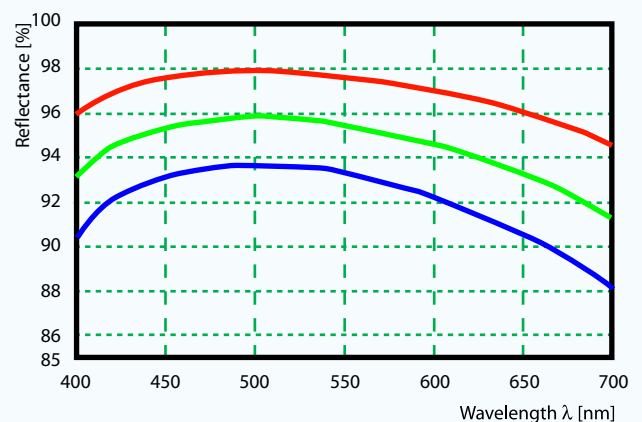
Products Info:

Product #	Thickness	Material	Surface Quality
MAL240	.039" (1.0mm)	Float	80/50
MAL280	.083" (2.1mm)	Float	80/50
MAL201	.120" (3.0mm)	Float	80/50
MAL202	.236" (6.0mm)	Float	80/50
MAL203	.394" (10.0mm)	Float	80/50

MAL200 Series Standard Visible Reflection >94% @ 550nm for 45°, Reflection >90% for S&P polarization @ 550nm.



MAL200 measured at normal Angle of Incidence.



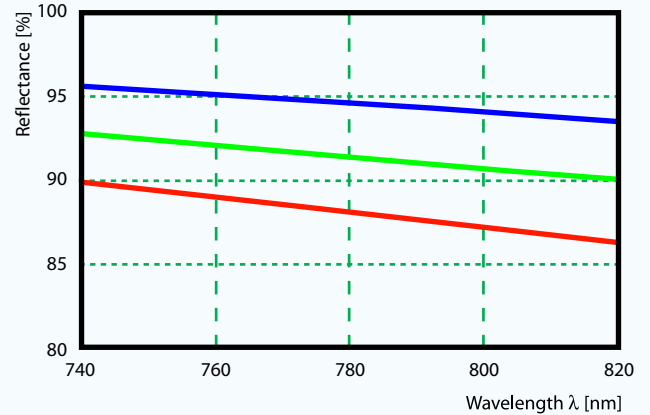
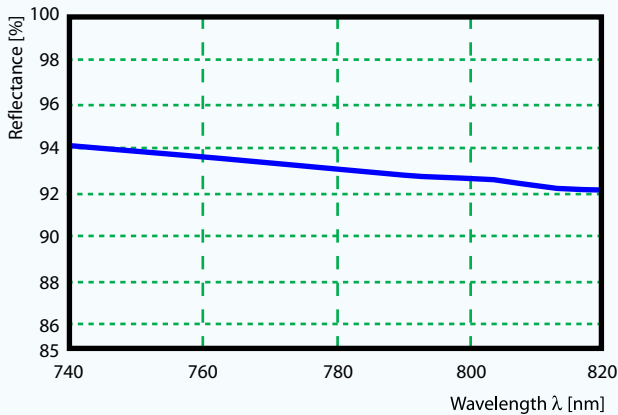
MAL200 measured at 45°. Red is S polarization, Blue is P polarization, and Green is average polarization.

Products Info:

Product #	Thickness	Material	Surface Quality
MAL403	.394" (10.0mm)	Float	80/50

This material can be Blanchard ground to any thickness required

MAL400 is specifically designed use from 740 nm to 820 nm at 45° AOI and performs very well at normal AOI. It is specified as reflectance >84% from 740 nm to 820 nm at 45° for P polarization. Of course, reflectance for S polarization is substantially greater..



Reflection >93% avg from 450nm to 650nm, 15° thru 45° Reflection >93% in the P-plane of polarization @ 780 to 820nm, 10° thru 45°

MAL400 measured at 45°. Red is P polarization, Blue is S polarization, and Green is average polarization

Though we list a variety of standard items, we are not limited to these tolerances and/or specifications. We manufacture optical components and custom coatings to customer specification. Please contact one of our sales engineers for further details.