



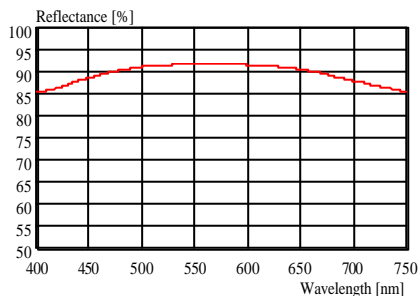
Metallic Mirror Coatings

Metallic mirror coatings are very often used in optical systems where a very broadband reflector or beam splitter is needed. Metallic coatings are delicate and usually overcoated with dielectric film to protect the metallic coatings, improve the abrasion resistance and enhance the reflection.

Applications

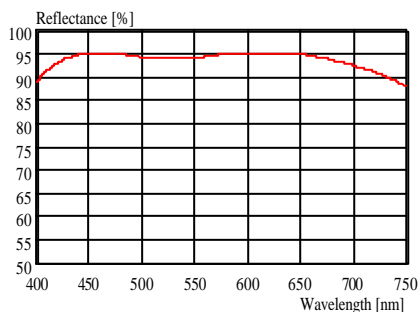
- Copiers / duplicators
- Microfilm readers
- Projection TVs
- Cameras
- Analytical and scientific instrumentation
- Overhead projectors
- Audio / Visual equipment

Examples of Our Metallic Mirror Coatings



Protected Aluminium Mirror

This mirror coating is to ensure the average reflection $R_{ave} > 87\%$ at 400nm to 750nm.



Enhanced Aluminium Mirror

This mirror coating is to ensure the average reflection $R_{ave} > 90\%$ at 450nm to 750nm.

We have the capability to do the metallic coatings according to our customers' specifications/ requirements. We also specialise in doing metallic coatings on plastic substrates (e.g. PC, PMMA, COC, PS).