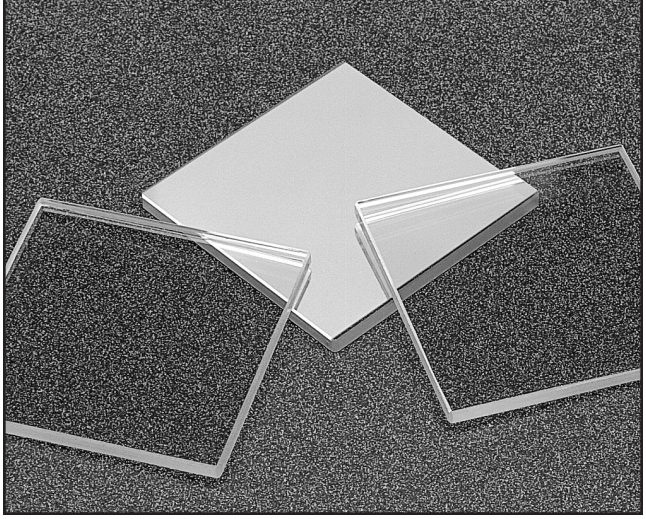


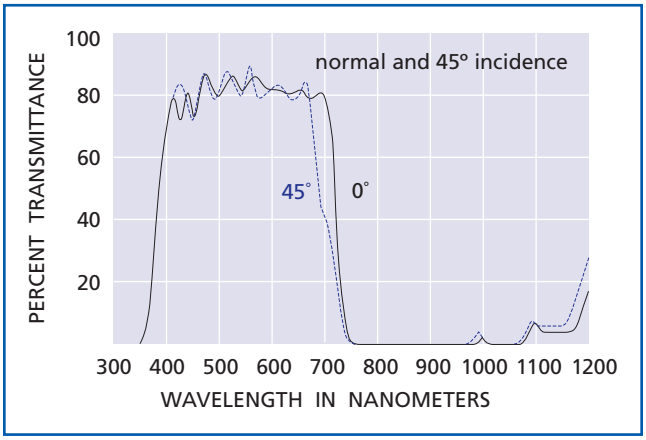
Available in:
- ✔ **Production Quantities**
- ✔ **Custom Sizes**

Hot and Cold Mirrors

HOT MIRRORS (HEAT-REFLECTING)

Melles Griot multilayer dielectric mirrors are designed to transmit visible spectrum and reflect the near-infrared spectrum.

- Heat mirrors reflect rather than absorb heat.
- Heat may be removed from the system by a single reflection, or diverted to a location in the system where dissipation is more convenient.
- Hot mirrors are available for either 0 or 45 degrees incidence.



03 MHG hot-mirror coatings

SPECIFICATIONS: HOT MIRRORS

Angle of Incidence: Normal (0°) or 45°
Flatness: 1λ per 25 mm (at 546 nm)
Dimensions: 50 mm × 50 mm (±0.3 mm)
Thickness: 3 ± 0.3 mm
Substrate: Polished pyrex
Surface Quality: 80-50 scratch and dig
Coating: Multilayer dielectric

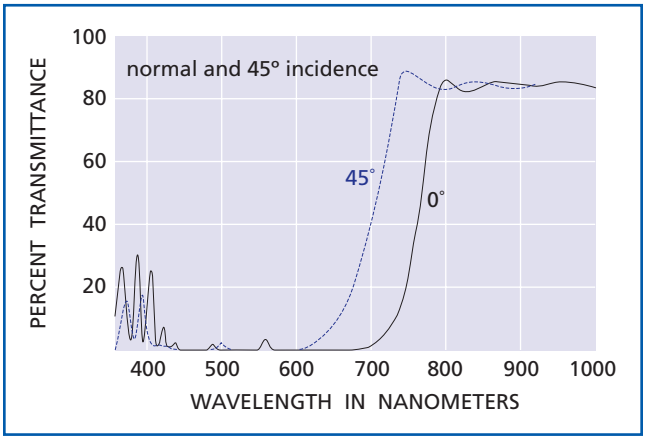
Hot Mirrors

Angle of Incidence	PRODUCT NUMBER
0°	03 MHG 007
45°	03 MHG 009

COLD MIRRORS (HEAT-TRANSMITTING)

Melles Griot heat-transmitting mirrors are designed to reflect visible light and and to transmit infrared (heat).

- Cold mirrors allow flexibility where heat must be removed from a system.
- The average reflectance through the visible spectrum is more than 97%.
- Cold mirrors are available for either 0 or 45 degrees incidence.



03 MCS cold-mirror coatings

SPECIFICATIONS: COLD MIRRORS

Angle of Incidence: Normal (0°) or 45°
Flatness: 1λ per 25 mm (at 546 nm)
Dimensions: 50 mm × 50 mm (±0.3 mm)
Thickness: 3 ± 0.3 mm
Substrate: Polished pyrex
Surface Quality: 80-50 scratch and dig
Coating: Multilayer dielectric

Cold Mirrors

Angle of Incidence	PRODUCT NUMBER
0°	03 MCS 005
45°	03 MCS 007