

HRM (heat reflecting mirror)

Our Hot Mirrors are all-dielectric vacuum deposited mirrors with advantages over standard commercial hot mirrors or heat absorbing glass filters. The visual transmission is much higher and neutral in color with excellent heat reflecting characteristics.

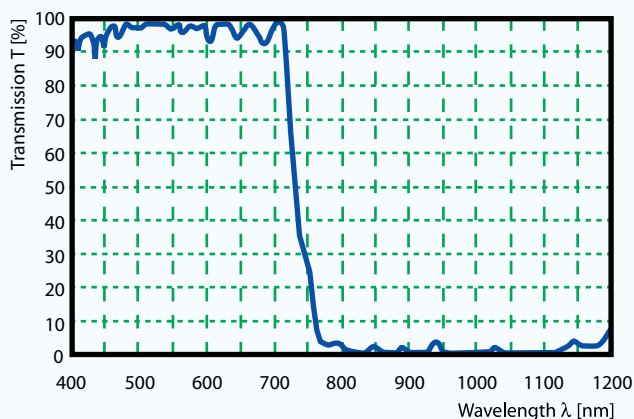
Because they are of all-dielectric vacuum deposited construction, they are durable and will not degrade when exposed to humidity and abrasion.

PG&O Hot Mirrors are an excellent choice for use in fiber optic illuminators, slide and movie projectors or any heat/light separation applications, as they are designed to sustain operating temperatures up to 700°C.

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
HRM070	.070" (1.75mm)	Borofloat (Pyrex)	80/50
HRM130	.130" (3.30mm)	Borofloat (Pyrex)	80/50



The average transmission is $\geq 93\%$ from 425 to 675nm, and the average transmission is $\leq 5\%$ from 750 to 1150nm at normal incidence.

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.