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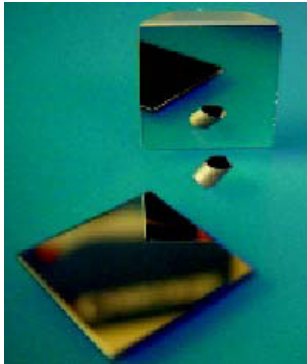


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Circular, Square, Rectangular Mirrors

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Mirrors have a highly polished surface for reflecting light. The reflecting surface is usually a thin coating of aluminum or silver. Most mirrors for optical applications are called first surface types since the coating is on the front surface thereby eliminating the optical properties of the glass from affecting the incident or reflected light. The rear surface is usually fine ground.

All of the following mirrors have a protected Aluminum coating applied to the front surface.

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Specification	Standard Grade	High Grade
Material	BK7 grade A	BK7 grade A or Fused Silica
Dimensional Tolerance	+0.0/-0.1mm	+0.0/-0.1mm
Flatness (TWF)	$\lambda / 5 @ 632.8\text{nm}$	$\lambda / 10 @ 632.8\text{nm}$
Surface Quality Scratch/Dig	40/20	10/5
Thickness Tolerance	$\pm 0.2\text{mm}$	$\pm 0.2\text{mm}$
Parallelism	< 3 arc minutes	< 3 arc minutes

BK7 Grade A Optical Glass, Standard MB11 and High MB12

Model No	Dia mm	Thick	Price	Model No	Dia mm	Thick	Price
MB11-010	10.0	2.0	20	MB12-010	10.0	2.0	36
MB11-012	12.5	2.0	20	MB12-012	12.5	6.0	36
MB11-020	20.0	2.0	23	MB12-020	20.0	6.0	46
MB11-025	25.0	2.0	26	MB12-025	25.0	6.0	56
MB11-038	38.0	4.0	30	MB12-038	38.0	10.0	63
MB11-050	50.0	4.0	40	MB12-050	50.0	10.0	122

UV Grade Fused Silica, High MF22

Model No	Dia mm	Thick	Price
MF22-010	10.0	2.0	46
MF22-012	12.5	6.0	53
MF22-020	20.0	6.0	66
MF22-025	25.0	6.0	79
MF22-038	38.0	10.0	254
MF22-050	50.0	10.0	304

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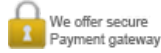
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