

Laser Cut SOMABLACK

SOMABLACK, a polyester-based material, is available in a range of options with varying thicknesses, specular glossiness, optical density and coatings.

SHIM

Standard SOMABLACK-R, constructed of carbon mixed with polyester film, is a great choice for flexible shims and gaskets requiring a matte black finish.

Dimensions: 20.00x20.00MM

Thickness: 0.05MM

Tolerance: +/- 0.025MM



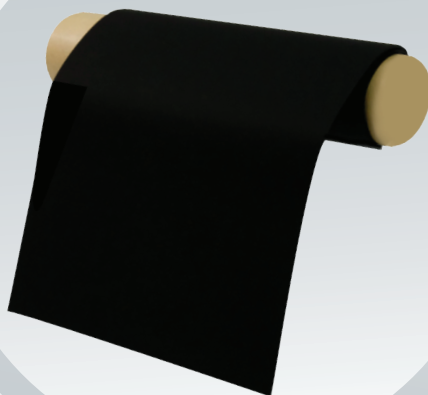
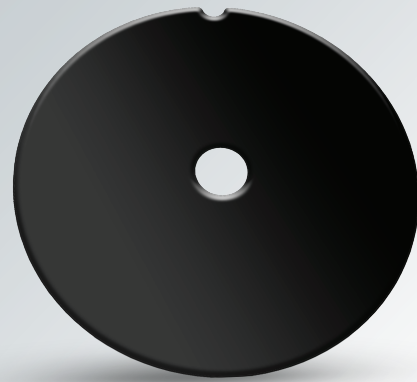
BAFFLE

SOMABLACK's dimensional stability, combined with its black matte finish is an increasingly popular choice for baffles in optical instruments.

Dimensions: 0.150" OD x 0.020" ID

Thickness: 0.002"

Tolerance: + 0.001"/- 0.000"



FIELD STOP

UV laser cutting capabilities are an excellent match for this material, allowing for precise cuts and tight tolerances where control over the light being emitted is critical to the device's function.

Dimensions: 0.175" x 0.250"

Thickness: 0.002"

Tolerance: +/- 0.001"

APERTURE STOP

The NR type material is the best choice for light reflective prevention needs, typical in Aperture Stop and Field Stop applications in optical instruments.

Dimensions: 0.175" x 0.175"

Thickness: 0.002"

Tolerance: +/- 0.001"