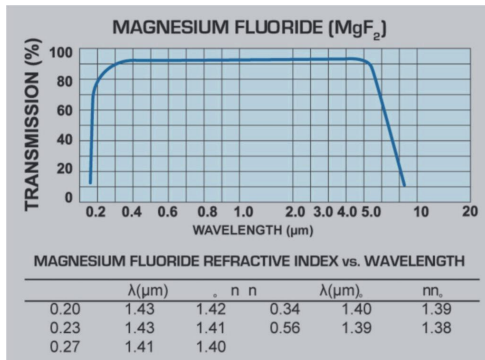




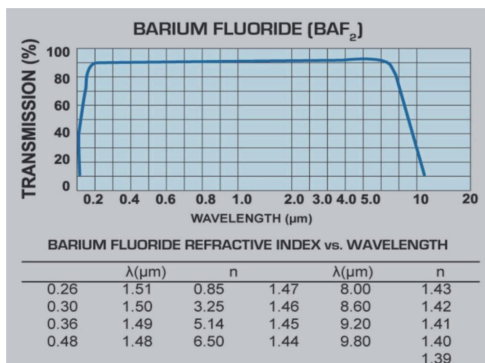
MgF₂ Windows Specifications:

Material: MgF₂
Diameter Tolerance: +0.0, -0.1mm
Thickness Tolerance: ± 0.2mm
Clear Aperture: >85%
Parallelism: 1arc minutes
Surface Quality: 60-40
Wavefront Distortion: λ/4 per 25mm
Bevel: <0.25mm X 45°

► Barium Fluoride - BaF₂

Used for optical windows, prisms and lenses transmitting from the vacuum ultraviolet into the Infrared. BaF₂ is also a scintillation material that exhibits one of the fastest known decay constants among inorganic materials.

Typical Applications: UV, Visible and Infrared imaging systems, scintillators, IR cut-off filters.

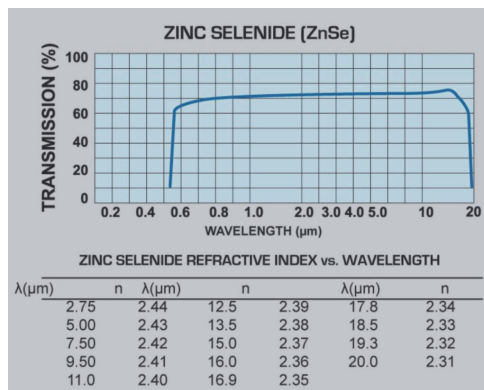
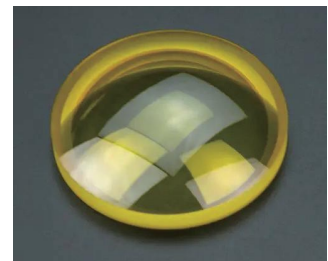


BaF₂ Windows Specifications:

Material: BaF₂
Diameter Tolerance: +0.0, -0.1mm
Thickness Tolerance: ± 0.2mm
Clear Aperture: >85%
Parallelism: 1arc minute
Surface Quality: 60-40
Wavefront Distortion: λ/4 per 25mm
Bevel: <0.25mm X 45°

► Zinc Selenide - ZnSe

Zinc selenide, a chemically vapor deposited material, is used in high-power CO₂ laser systems because of its low absorption at 10.6μm. It is also a popular choice in systems operating at various bands within its wide transmission range. Products such as lenses and windows are available in different sizes.



ZnSe Lenses Specifications:

Material: ZnSe
Diameter Tolerance: +0.0/-0.1mm
Paraxial Focal Length: ±2%
Centration: 3 arc minutes
Surface Figure: λ/4 @ 632.8 nm
Surface Quality: 60/40
Clear Aperture: >85%
Bevel: <0.25mm X 45°
Coating: AR/AR