

# Silicon (Si)

**Dimensions tolerance**  $\pm 0.010''$  ( $\pm 0.25$  mm)  
**Clear Aperture** 85%  
**Angle Tolerance**  $\pm 10$  min  
**Flatness** 2 waves at 633 nm  
**Surface Finish** 60/40 polished three faces

CAT #	SIZE A=B=C, in	SIZE A=B=C, mm	Height H, mm
SI-EP-12	0.5	12.7	12.7
SI-EP-25	1.0	25.4	25.4
SI-EP-38	1.5	38.1	38.1

# Zinc Selenide CVD Grade (ZnSe)

**Dimensions tolerance**  $\pm 0.010''$  ( $\pm 0.25$  mm)  
**Clear Aperture** 85%  
**Angle Tolerance**  $\pm 10$  min  
**Flatness** 2 waves at 633 nm  
**Surface Finish** 60/40 polished three faces

CAT #	SIZE A=B=C, in	SIZE A=B=C, mm	Height H, mm
ZC-EP-12	0.5	12.7	12.7
ZC-EP-25	1.0	25.4	25.4

# Barium Fluoride (BaF<sub>2</sub>)

**Dimensions tolerance**  $\pm 0.010''$  ( $\pm 0.25$  mm)  
**Clear Aperture** 85%  
**Angle Tolerance**  $\pm 10$  min  
**Flatness** 2 waves at 633 nm  
**Surface Finish** 40/20 polished three faces

CAT #	SIZE A=B=C, in	SIZE A=B=C, mm	Height H, mm
BF-EP-12	0.5	12.7	12.7
BF-EP-25	1.0	25.4	25.4
BF-EP-38	1.5	38.1	38.1

*Custom sizes and specifications are available*