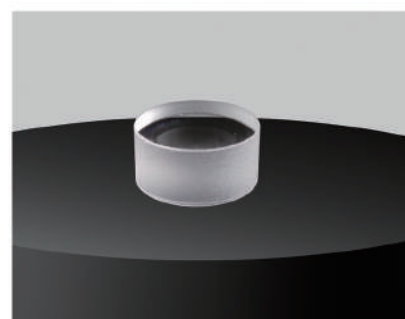
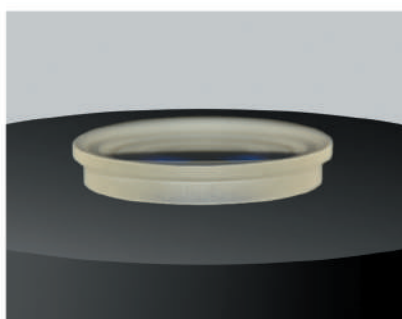
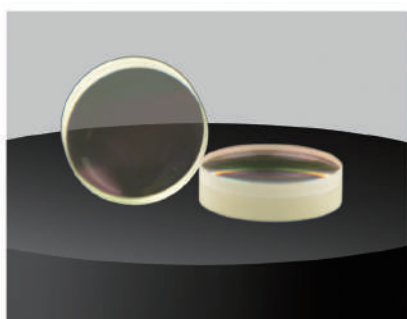


Product Introduction

Spherical Lenses are the most common lenses in optical systems design. It is a device capable of combining or dispersing light rays, and the resulting image has both a real and a virtual image. Widely used in security, imaging system, laser, optical instruments and other fields. ECOPTIK manufactures the commercial and precision customized design from a wide range of VIS, UV, IR materials.

ECOPTIK provides many kinds of structures, plano concave lens, plano convex lens, double concave lens, double convex lens, meniscus lens, achromatic cement lens, ball lens, half ball lens.



Specification

Item	Commercial	High-Precision
Material	VIS material: BK7,H-K9L,etc. UV material: Fused silica. IR material: Sapphire, ZnSe, ZnS, CaF ₂ ,Silica, etc.	
Diameter	0.5mm~550mm	
Diameter tolerance	±0.1mm	±0.03mm
Focal length	-50mm-2000mm	
Focal length tolerance	±2%(<10mm) ±0.5%(<10mm-1000mm) ±1%(>1000mm)	
Coating	<3 arc min	<10 arc sec
Clear Aperture	>85% of diameter	
Surface accuracy	MIL60-40	MIL20-10
Surface Quality	λ/4@632.8nm	λ/10@632.8nm
Chamfer	0.05~0.2mmx 45°	
Centration	As per the customers' request	