

# Individual Neutral Density Filters

## Features

- Varity Transmission
- Neutral Glass
- In Color With Superior Optical Integrity

## Applications

- Projection Optics System
- Imaging Optics System

## Neutral Density Glass Type

Material	Optical neutral density glass
Dimension tolerance	±0.2mm
Parallelism	3 arcmin.
Optical density tolerance	±5%
Surface quality	80-50 S/D
Surface flatness	2λ per25mm

Optical Density	Transmission	Thickness(mm)	Φ25mm Part No.	50×50mm Part No.
0.04	91.2%	2.0	HNDF0004	HNDF0104
0.1	79.4%	1.9	HNDF0010	HNDF0110
0.2	63.1%	2.0	HNDF0020	HNDF0120
0.3	50.1%	2.3	HNDF0030	HNDF0130
0.4	39.8%	3.0	HNDF0040	HNDF0140
0.5	31.6%	1.8	HNDF0050	HNDF0150
0.8	15.8%	2.3	HNDF0080	HNDF0180
1.0	10%	2.0	HNDF0100	HNDF0101
2.0	1%	1.5	HNDF0200	HNDF0102
3.0	0.1%	2.0	HNDF0300	HNDF0103

## Metallic Coating Type

Material	BK7, Fused silica
Dimension tolerance	±0.2mm
Parallelism	3 arcmin.
Optical density tolerance	±5%
Surface quality	80-50 S/D
Surface flatness	2λ per25mm

Optical Density.	Transmission	BK7, Φ25×2mm	F.S. Φ25×2mm	BK7, 50×50×2mm
		Part No.	Part No.	Part No.
0.1	79.4%	HNMC0101	HNMC0201	HNMC1101
0.2	63.1%	HNMC0102	HNMC0202	HNMC1102
0.3	50.1%	HNMC0103	HNMC0203	HNMC1103
0.5	31.6%	HNMC0105	HNMC0205	HNMC1105
0.8	15.8%	HNMC0108	HNMC0208	HNMC1108
1.0	10%	HNMC0110	HNMC0210	HNMC1110
2.0	1%	HNMC0120	HNMC0220	HNMC1112
3.0	0.1%	HNMC0130	HNMC0230	HNMC1113