

# Zinc Selenide (ZnSe CVD)

Diameter tolerance	0,-0.005" (+0,-0.13 mm)
Center Thickness tolerance	+/-0.008" (+/-0.2 mm)
Design Wavelength	10.6 microns
Focal Length Tolerance	+/-2%
Surface Quality	60/40
Clear Aperture	90% Central Diameter
Wedge Angle	<3 arc min
Surface Irregularity	1/20 $\lambda$ at 10.6 microns

CAT #	DIA, in	DIA, mm	FOC, mm	CT, mm	R, mm	ET, mm
ZC-PX-12-25	0.5	12.7	25.4	2.6	35.97	2.0
ZC-PX-12-50	0.5	12.7	50.8	2.3	71.46	2.0
ZC-PX-25-50	1.0	25.4	50.8	3.1	71.46	2.0
ZC-PX-25-63	1.0	25.4	63.5	2.9	89.14	2.0
ZC-PX-25-76	1.0	25.4	75.0	2.8	106.15	2.0
ZC-PX-25-100	1.0	25.4	100	2.6	139.96	2.0
ZC-PX-25-127	1.0	25.4	127	2.5	180.32	2.0
ZC-PX-25-150	1.0	25.4	150	2.4	209.91	2.0
ZC-PX-25-200	1.0	25.4	200	2.3	281.20	2.0
ZC-PX-25-254	1.0	25.4	254	2.2	356.51	2.0
ZC-PX-25-500	1.0	25.4	500	2.1	698.17	2.0
ZC-PX-38-50	1.5	38.1	50.8	4.6	71.46	2.0
ZC-PX-38-63	1.5	38.1	63.5	4.1	89.14	2.0
ZC-PX-38-76	1.5	38.1	76.2	3.7	106.15	2.0
ZC-PX-38-100	1.5	38.1	100	3.3	139.96	2.0
ZC-PX-38-127	1.5	38.1	127	3.0	180.32	2.0
ZC-PX-38-150	1.5	38.1	150	2.9	209.91	2.0
ZC-PX-38-200	1.5	38.1	200	2.6	281.20	2.0
ZC-PX-38-254	1.5	38.1	254	2.5	356.51	2.0
ZC-PX-38-500	1.5	38.1	500	2.3	698.17	2.0
ZC-PX-38-1000	1.5	38.1	1000	2.1	1404.0	2.0
ZC-PX-38-2000	1.5	38.1	2000	2.1	2808.0	2.0
ZC-PX-50-76	2.0	50.8	75.0	5.6	106.15	2.5
ZC-PX-50-100	2.0	50.8	100	4.8	139.96	2.5
ZC-PX-50-127	2.0	50.8	127	4.3	180.32	2.5
ZC-PX-50-150	2.0	50.8	150	4.0	209.91	2.5
ZC-PX-50-200	2.0	50.8	200	3.7	281.20	2.5
ZC-PX-50-254	2.0	50.8	254	3.4	356.51	2.5
ZC-PX-50-300	2.0	50.8	300	3.3	424.67	2.5
ZC-PX-50-500	2.0	50.8	500	3.0	698.17	2.5
ZC-PX-50-1000	2.0	50.8	1000	2.7	1404.00	2.5
ZC-PX-50-2000	2.0	50.8	2000	2.6	2808.00	2.5
ZC-PX-76-150	3.0	76.2	150	6.5	209.91	3.0
ZC-PX-76-200	3.0	76.2	200	5.6	281.20	3.0
ZC-PX-76-254	3.0	76.2	254	5.1	356.51	3.0
ZC-PX-76-500	3.0	76.2	500	4.0	698.17	3.0
ZC-PX-76-1000	3.0	76.2	1000	3.5	1404.0	3.0
ZC-PX-76-2000	3.0	76.2	2000	3.3	2808.0	3.0

Custom sizes and specifications are available