

# Magnesium Fluoride (MgF<sub>2</sub>)

Diameter tolerance	+0,-0.005" (+0,-0.13 mm)
Center Thickness tolerance	±0.008" (±0.2 mm)
Design Wavelength	0.25 microns
Focal Length Tolerance	±2%
Surface Quality	60/40
Clear Aperture	90% Central Diameter
Wedge Angle	< 3 arc min
Surface Irregularity	1/2 λ at 633 nm

CAT #	DIA, in	DIA, mm	FOC, mm	CT, mm	R, mm	ET, mm
MF-PX-12-25	0.5	12.7	25	4.2	10.180	2.0
MF-PX-12-50	0.5	12.7	50	3.0	20.22	2.0
MF-PX-12-75	0.5	12.7	75	2.7	30.27	2.0
MF-PX-25-50	1.0	25.4	50	6.7	20.22	2.2
MF-PX-25-63	1.0	25.4	63	5.6	25.35	2.2
MF-PX-25-75	1.0	25.4	75	4.9	30.27	2.1
MF-PX-25-100	1.0	25.4	100	4.1	40.35	2.1
MF-PX-25-150	1.0	25.4	150	3.4	60.67	2.1
MF-PX-25-200	1.0	25.4	200	3.0	80.72	2.0
MF-PX-25-250	1.0	25.4	250	2.8	100.84	2.0
MF-PX-25-500	1.0	25.4	500	2.4	201.42	2.0
MF-PX-25-1000	1.0	25.4	1000	2.2	405.50	2.0
MF-PX-25-2000	1.0	25.4	2000	2.1	809.10	2.0
MF-PX-38-50	1.5	38.1	50	16.0	20.22	2.6
MF-PX-38-63	1.5	38.1	63	11.1	25.35	2.5
MF-PX-38-75	1.5	38.1	75	9.1	30.27	2.3
MF-PX-38-100	1.5	38.1	100	7.0	40.35	2.2
MF-PX-38-150	1.5	38.1	150	5.2	60.67	2.1
MF-PX-38-200	1.5	38.1	200	4.4	80.72	2.1
MF-PX-38-250	1.5	38.1	250	3.9	100.84	2.1
MF-PX-38-500	1.5	38.1	500	2.9	201.42	2.1
MF-PX-38-1000	1.5	38.1	1000	2.5	405.50	2.1
MF-PX-38-2000	1.5	38.1	2000	2.3	809.10	2.1
MF-PX-50-75	2.0	50.8	75	16.8	30.27	3.0
MF-PX-50-100	2.0	50.8	100	12.0	40.35	3.0
MF-PX-50-150	2.0	50.8	150	8.3	60.67	2.7
MF-PX-50-200	2.0	50.8	200	6.8	80.72	2.7
MF-PX-50-250	2.0	50.8	250	5.9	100.84	2.7
MF-PX-50-500	2.0	50.8	500	4.2	201.42	2.6
MF-PX-50-1000	2.0	50.8	1000	3.3	405.50	2.5
MF-PX-50-2000	2.0	50.8	2000	3.0	809.10	2.5
MF-PX-76-150	3.0	76.2	150	17.2	60.67	3.8
MF-PX-76-200	3.0	76.2	200	13.0	80.72	3.4
MF-PX-76-250	3.0	76.2	250	10.8	100.84	3.3
MF-PX-76-500	3.0	76.2	500	6.8	201.42	3.2
MF-PX-76-1000	3.0	76.2	1000	5.0	405.50	3.2
MF-PX-76-2000	3.0	76.2	2000	4.0	809.10	3.1

Custom sizes and specifications are available