

# Fused Silica UV Grade (SiO<sub>2</sub>)

Diameter tolerance	+0,-0.005" (+0,-0.13 mm)
Center Thickness tolerance	±0.008" (±0.2 mm)
Design Wavelength	546 nm
Focal Length Tolerance	±3%
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
QU-PX-12-25	0.5	12.7	25.4	3.4	11.66	1.5
QU-PX-12-38	0.5	12.7	38.1	2.7	17.53	1.5
QU-PX-12-50	0.5	12.7	50.8	2.4	23.39	1.5
QU-PX-12-76	0.5	12.7	76.2	2.1	35.08	1.5
QU-PX-12-101	0.5	12.7	101.6	1.9	46.77	1.5
QU-PX-12-127	0.5	12.7	127.0	1.8	58.35	1.5
QU-PX-12-152	0.5	12.7	152.4	1.8	70.15	1.5
QU-PX-12-177	0.5	12.7	177.8	1.7	81.85	15
QU-PX-12-203	0.5	12.7	203.2	1.7	93.66	1.5
QU-PX-12-254	0.5	12.7	254.0	1.7	116.97	1.5
QU-PX-12-304	0.5	12.7	304.8	1.6	139.96	1.5
QU-PX-25-38	1.0	25.4	38.1	7.0	17.53	1.6
QU-PX-25-50	1.0	25.4	50.8	5.3	23.39	1.6
QU-PX-25-76	1.0	25.4	76.2	3.9	35.08	1.5
QU-PX-25-101	1.0	25.4	101.6	3.3	46.77	1.5
QU-PX-25-127	1.0	25.4	127.0	2.9	58.35	1.5
QU-PX-25-152	1.0	25.4	152.4	2.7	70.15	1.5
QU-PX-25-177	1.0	25.4	177.8	2.5	81.85	1.5
QU-PX-25-203	1.0	25.4	203.2	2.4	93.66	1.5
QU-PX-25-254	1.0	25.4	254.0	2.2	116.97	1.5
QU-PX-25-304	1.0	25.4	304.8	2.1	139.96	1.5
QU-PX-38-50	1.5	38.1	50.8	11.4	23.39	1.6
QU-PX-38-76	1.5	38.1	76.2	7.2	35.08	1.6
QU-PX-38-101	1.5	38.1	101.6	5.6	46.77	1.6
QU-PX-38-127	1.5	38.1	127.0	4.7	58.35	1.5
QU-PX-38-152	1.5	38.1	152.4	4.1	70.15	1.5
QU-PX-38-177	1.5	38.1	177.8	3.8	81.85	1.5
QU-PX-38-203	1.5	38.1	203.2	3.5	93.66	1.5
QU-PX-38-254	1.5	38.1	254.0	3.1	116.97	1.5
QU-PX-38-304	1.5	38.1	304.8	2.8	139.96	1.5
QU-PX-50-76	2.0	50.8	76.2	13.4	35.08	2.5
QU-PX-50-101	2.0	50.8	101.6	10.0	46.77	2.5
QU-PX-50-127	2.0	50.8	127.0	8.3	58.35	2.5
QU-PX-50-152	2.0	50.8	152.4	7.3	70.15	2.5
QU-PX-50-177	2.0	50.8	177.8	6.5	81.85	2.5
QU-PX-50-203	2.0	50.8	203.2	6.0	93.66	2.5
QU-PX-50-254	2.0	50.8	254.0	5.3	116.97	2.5
QU-PX-50-304	2.0	50.8	304.8	4.8	139.96	2.5

Custom sizes and specifications are available