

Fused Silica, UV Grade (SiO₂)

Diameter tolerance	+0,-0.005" (+0,-0.13 mm)
Center Thickness tolerance	±0.008" (±0.2 mm)
Design Wavelength	587.6 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
QU-PC-12-25	0.5	12.7	-25.4	1.0	11.641	2.9
QU-PC-12-38	0.5	12.7	-38.1	1.0	17.458	2.2
QU-PC-12-50	0.5	12.7	-50.8	1.0	23.280	1.9
QU-PC-12-101	0.5	12.7	-101.6	1.0	46.560	1.4
QU-PC-12-127	0.5	12.7	-127.0	1.5	58.225	1.8
QU-PC-12-152	0.5	12.7	-152.4	1.5	69.820	1.8
QU-PC-12-177	0.5	12.7	-177.8	1.5	81.660	1.7
QU-PC-12-203	0.5	12.7	-203.2	1.5	93.110	1.7
QU-PC-12-254	0.5	12.7	-254.0	1.5	116.41	1.7
QU-PC-12-304	0.5	12.7	-304.8	1.5	139.64	1.6
QU-PC-25-38	1.0	25.4	-38.1	1.0	17.458	6.5
QU-PC-25-50	1.0	25.4	-50.8	1.0	23.280	4.8
QU-PC-25-63	1.0	25.4	-63.5	1.0	29.110	3.9
QU-PC-25-76	1.0	25.4	-76.2	1.5	34.920	3.9
QU-PC-25-100	1.0	25.4	-100.6	1.5	46.560	3.3
QU-PC-25-127	1.0	25.4	-127.0	1.5	58.225	2.9
QU-PC-25-152	1.0	25.4	-152.4	1.5	69.820	2.7
QU-PC-25-177	1.0	25.4	-177.8	1.5	81.660	2.5
QU-PC-25-203	1.0	25.4	-203.2	2.0	93.110	2.9
QU-PC-25-254	1.0	25.4	-254.0	2.0	116.41	2.7
QU-PC-25-304	1.0	25.4	-304.8	2.0	139.64	2.6
QU-PC-38-50	1.5	38.1	-50.8	1.0	23.280	10.9
QU-PC-38-63	1.5	38.1	-63.5	1.0	29.110	8.1
QU-PC-38-76	1.5	38.1	-76.2	1.0	34.920	6.7
QU-PC-38-100	1.5	38.1	-100.6	1.5	46.560	5.6

Custom sizes and specifications are available