

Fused Silica UV Grade (SiO₂)

Dia tolerance +0,-0.005" (+0,-0.13mm) Parallelism 3 arc min
 Th tolerance ±0.005" (±0.13mm) Flatness 1 wave per inch at 633 nm
 Clear Aperture 85% Surface Finish 40/20

CAT #	DIA, in	DIA, mm	TH, in	TH, mm
QU-W-12-1	0.5	12.7	0.039	1.0
QU-W-12-2	0.5	12.7	0.079	2.0
* QU-W-25-1	1.0	25.4	0.039	1.0
QU-W-25-2	1.0	25.4	0.079	2.0
QU-W-25-3	1.0	25.4	0.118	3.0
QU-W-38-2	1.5	38.1	0.079	2.0
QU-W-38-3	1.5	38.1	0.118	3.0
QU-W-50-3	2.0	50.8	0.118	3.0
QU-W-50-5	2.0	50.8	0.197	5.0
QU-W-63-6	2.5	63.5	0.236	6.0
QU-W-63-8	2.5	63.5	0.315	8.0
QU-W-76-6	3.0	76.2	0.236	6.0
QU-W-76-8	3.0	76.2	0.315	8.0

Fused Silica IR Grade, Water Free (SiO₂)

Dia tolerance +0,-0.005" (+0,-0.13mm) Parallelism 3 arc min
 Th tolerance ±0.005" (±0.13mm) Flatness 1 wave per inch at 633 nm
 Clear Aperture 85% Surface Finish 40/20

CAT#	DIA, in	DIA, mm	TH, in	TH, mm
QI-W-12-1	0.5	12.7	0.039	1.0
QI-W-12-2	0.5	12.7	0.079	2.0
* QI-W-25-1	1.0	25.4	0.039	1.0
QI-W-25-2	1.0	25.4	0.079	2.0
QI-W-25-3	1.0	25.4	0.118	3.0
QI-W-38-2	1.5	38.1	0.079	2.0
QI-W-38-3	1.5	38.1	0.118	3.0
QI-W-50-3	2.0	50.8	0.118	3.0
QI-W-50-5	2.0	50.8	0.197	5.0
QI-W-63-6	2.5	63.5	0.236	6.0
QI-W-63-8	2.5	63.5	0.315	8.0
QI-W-76-6	3.0	76.2	0.236	6.0
QI-W-76-8	3.0	76.2	0.315	8.0

Custom sizes and specifications are available

*) Flatness: 4 waves at 633 nm per inch