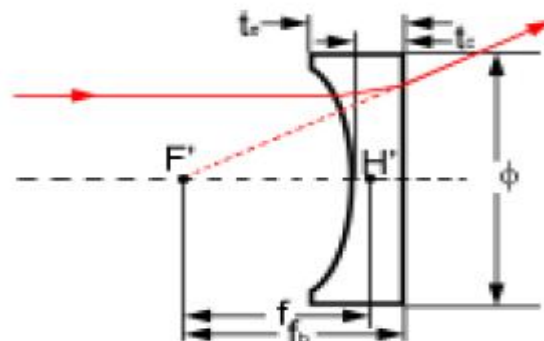


FUSED SILICA PLANO-CONCAVE LENSES

Specifications:

Material	UV Grade Fused Silica
Design Wavelength	546.1nm
Design Index	1.46008 ± 0.0005
Diameter Tolerance	+0.0, -0.15mm
Paraxial Focal Length	±2%
Centration	3 arc minutes
Clear Aperture	>80%
Surface Irregularity.....	$\lambda/4$ per 25mm at 632.8nm
Surface Quality	60-40 scratch and dig



Part No.	f(mm)	ϕ (mm)	R_1 (mm)	t_c (mm)	t_e (mm)	f_b (mm)
PCV1201	-15.0	12.7	6.90	2.0	6.2	-16.4
PCV1202	-20.0	12.7	9.20	2.0	4.5	-21.4
PCV1203	-25.0	12.7	11.50	2.0	3.9	-26.4
PCV1204	-30.0	12.7	13.80	2.0	3.5	-31.4
PCV1205	-40.0	12.7	18.40	2.0	3.1	-41.4
PCV1301	-35.0	25.4	16.10	2.0	8.2	-36.4
PCV1302	-50.0	25.4	23.00	2.0	5.8	-51.4
PCV1303	-75.0	25.4	34.51	2.0	4.4	-76.4
PCV1304	-100.0	25.4	46.01	2.0	3.8	-101.4
PCV1305	-150.0	25.4	69.01	2.0	3.2	-151.4
PCV1306	-175.0	25.4	80.50	2.0	3.0	-176.4
PCV1307	-200.0	25.4	92.02	2.0	2.9	-201.4
PCV1308	-250.0	25.4	115.02	2.0	2.7	-251.4
PCV1309	-300.0	25.4	138.02	2.0	2.6	-301.4
PCV1311	-500.0	25.4	230.04	2.0	2.4	-501.4
PCV1312	-1000.0	25.4	460.08	2.0	2.2	-1001.4
PCV1401	-50.0	38.0	23.00	3.0	13.0	-52.1
PCV1402	-100.0	38.0	46.01	3.0	7.1	-102.1
PCV1403	-150.0	38.0	69.01	3.0	5.7	-152.1
PCV1404	-200.0	38.0	92.02	3.0	5.0	-202.1
PCV1405	-350.0	38.0	161.03	3.0	4.1	-352.1
PCV1406	-500.0	38.0	230.04	3.0	3.8	-502.1

