

## HIGH-INDEX 1.74 SEMI-FINISHED SINGLE VISION

### 9. Spherical SUPER HI-INDEX SFSV ( INDEX 1.74 ) UV400

Ne=1.738

NOMINAL CURVE	TRUE* CURVE (N=1.530)	Radius of Curvature	SAG 50 (mm)	SAG 40 (mm)	BACK CURVE (N=1.530)	DIAMETER* ( mm )	C.T* ( mm )	E.T* ( mm )
0.50	0.37	1430.07	0.22	0.141	9.41	70	7.7	19.6
1.50	1.03	512.50	0.61	0.389	9.41	70	7.5	18.7
2.25	1.57	338.53	0.92	0.588	8.19	70	7.0	15.5
3.50	2.46	215.16	1.47	0.923	6.89	75	5.9	12.5
5.00	3.54	149.70	2.11	1.324	4.81	75	6.3	8.0
6.75	4.78	110.81	2.86	1.787	5.60	75	6.0	7.3
8.50	6.11	86.76	3.69	2.283	6.18	70	7.0	7.2
10.25	7.31	72.50	4.45	2.736	6.89	70	7.5	7.0
11.50	8.32	63.68	5.10	3.120	6.68	65	8.5	6.6
12.50	8.95	59.23	5.52	3.359	6.68	65	9.5	6.9

### 10. Aspherical SUPER HI-INDEX SFSV ( INDEX 1.74 ) UV400

Ne=1.738

NOMINAL CURVE	TRUE* CURVE (N=1.530)	Radius of Curvature	SAG 50 (mm)	SAG 40 (mm)	BACK CURVE (N=1.530)	DIAMETER* ( mm )	C.T* ( mm )	E.T* ( mm )
0.50	0.30	2446.74	0.23	0.13	8.40	70	5.0	14.9
1.00	0.60	1223.40	0.43	0.26	5.17	75	5.0	10.8
2.00	1.35	546.88	0.87	0.53	4.81	75	5.0	9.5
3.00	2.06	357.58	1.24	0.78	4.02	75	5.0	7.6
4.00	2.82	261.34	1.70	1.06	4.45	75	5.5	7.6
5.00	3.57	206.77	2.09	1.33	4.24	75	6.0	7.2
6.00	4.27	172.71	2.52	1.59	4.24	75	6.5	6.6
7.00	5.08	145.15	2.98	1.88	4.24	70	7.0	6.2
8.00	5.77	127.97	3.43	2.15	4.24	70	7.5	5.7
9.00	6.46	114.31	3.80	2.39	3.16	70	8.5	4.8
10.00	7.27	101.54	4.29	2.68	3.16	70	9.5	4.7

\* C.T = CENTER THICKNESS +1.0mm , -0.5 mm

\* E.T = EDGE THICKNESS ± 0.5 mm

\* TRUE CURVE ± 0.05 (Aspherical Radius Measured by Focovision SR-2)

\* SAG 50 ; measured by CMM (Mitutoyo, Japan) 50mm

\* DIAMETER RANGE 75/70mm + 0.2 mm - 0.4 mm