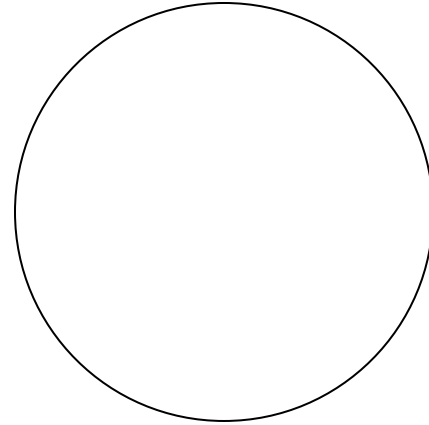




# Shamir

## Single Vision Spherical

### SuperLite™ 1.74 Uncoated



Index Nd	1.733
Abbe Value Nd	32.0
Density gr/cm <sup>3</sup>	1.47

### Blank Specifications

Nominal Base	True Base 1.530	Base Radius [mm]	Sag 50mm*	Concave Curve	CT [mm]	ET [mm]	Diameter	Power Range
0.50	0.50	1054.29	0.30	8.25	7.0	15.3	65	-18.00 to -9.50
1.00	0.97	546.67	0.57	8.25	7.5	15.3	65	-9.25 to -7.25
2.00	2.00	265.47	1.18	6.10	6.5	11.9	72	-7.00 to -4.50
3.00	2.92	181.33	1.73	6.10	6.5	10.8	72	-4.25 to -2.50
4.00	3.94	134.43	2.35	5.10	6.0	7.5	72	-2.25 to +1.25
5.00	4.88	108.69	2.91	4.60	6.0	5.5	72	+1.50 to +3.00
6.00	5.87	90.55	3.52	5.10	7.0	5.9	72	+3.25 to +4.00
7.00	6.65	79.70	4.02	6.10	7.0	6.3	72	+4.25 to +5.00
8.00	7.82	67.81	4.78	8.25	8.5	9.7	65	+5.25 to +6.00
9.00	9.44	56.16	5.87	8.25	9.5	8.7	65	+6.25 to +8.50

### 1.74 EXTRA THICK

Nominal Base	True Base 1.530	Base Radius [mm]	Sag 50mm*	Concave Curve	CT [mm]	ET [mm]	Diameter	Power Range
0.50	0.50	1054.29	0.30	8.25	9.5	18.2	65	-18.00 to -9.50
1.00	0.97	546.67	0.57	8.25	9.5	17.7	65	-9.25 to -7.25
2.00	2.00	265.47	1.18	6.10	8.5	14.2	72	-7.00 to -4.50

**Prescription Range - Sphere: -18.00[D] to +8.50[D] Cylinder: up to -6.00[D]**

**Minimum center for surfacing 1.5mm**