

TECHNICAL CHART
POLYCARBONATE ASPHERIC SEMI H/C

72mm Diameter Lens Blank

BASE	NOMINAL	*TRUE CURVE (Nd=1.530)		*RADIUS	**SAG AT 50 (50mm)		THICKNESS (mm)		RX Range	COMMENTS
	FRONT	FRONT	BACK	FRONT	FRONT	BACK	CENTER	EDGE	Diopter	
0.50	0.50	0.47	6.25	1127.660	0.29	3.77	5.8	13.0	-10.00 ~ -6.25	
2.75	2.75	2.85	6.25	185.965	1.62	3.77	7.2	10.8	-6.00 ~ -5.00	
3.75	3.75	3.94	6.25	134.518	2.29	3.77	7.0	10.3	-4.75 ~ 0.00	
4.25	4.25	4.20	6.25	126.190	2.39	3.77	6.0	9.2	+0.25 ~ +3.25	
5.25	5.25	5.35	6.25	99.065	3.02	3.77	6.2	8.1	+3.50 ~ +4.50	
6.25	6.25	6.34	6.25	83.596	3.64	3.77	7.6	8.2	+4.75 ~ +5.75	
8.25	8.25	8.24	6.25	64.320	4.76	3.77	9.7	8.0	+6.00 ~ +8.00	

* True curve of aspheric lens is applied at the pole only.

** It is a theoretical value for aspheric lens reference only.