

# Product Reference Guide

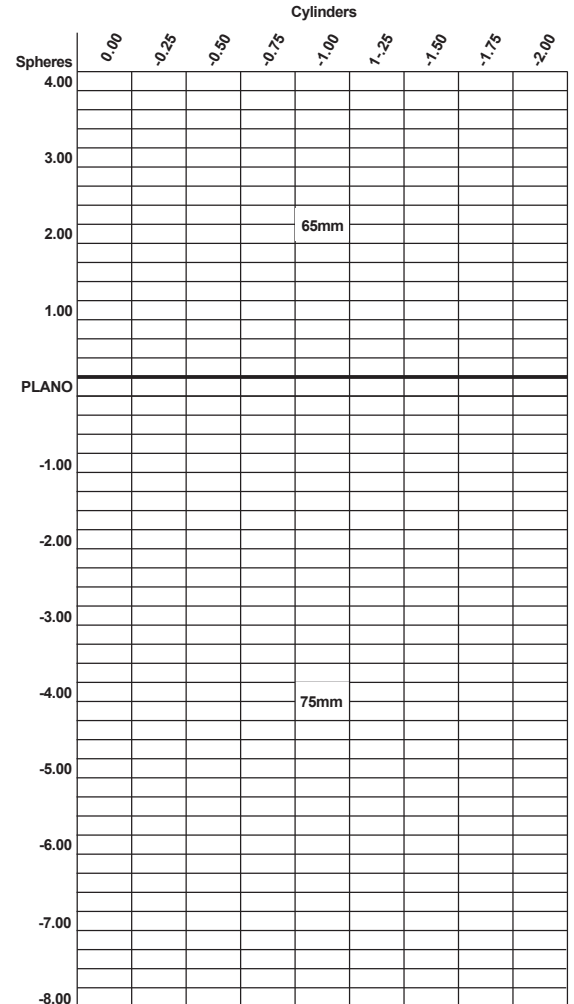
## Polycarbonate

### VISION EASE Clear Blue Filter™ FSV

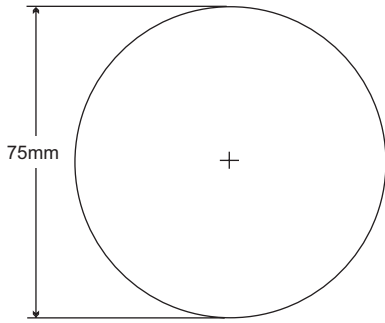
Spherical 65mm/75mm

### Base Curve Selection

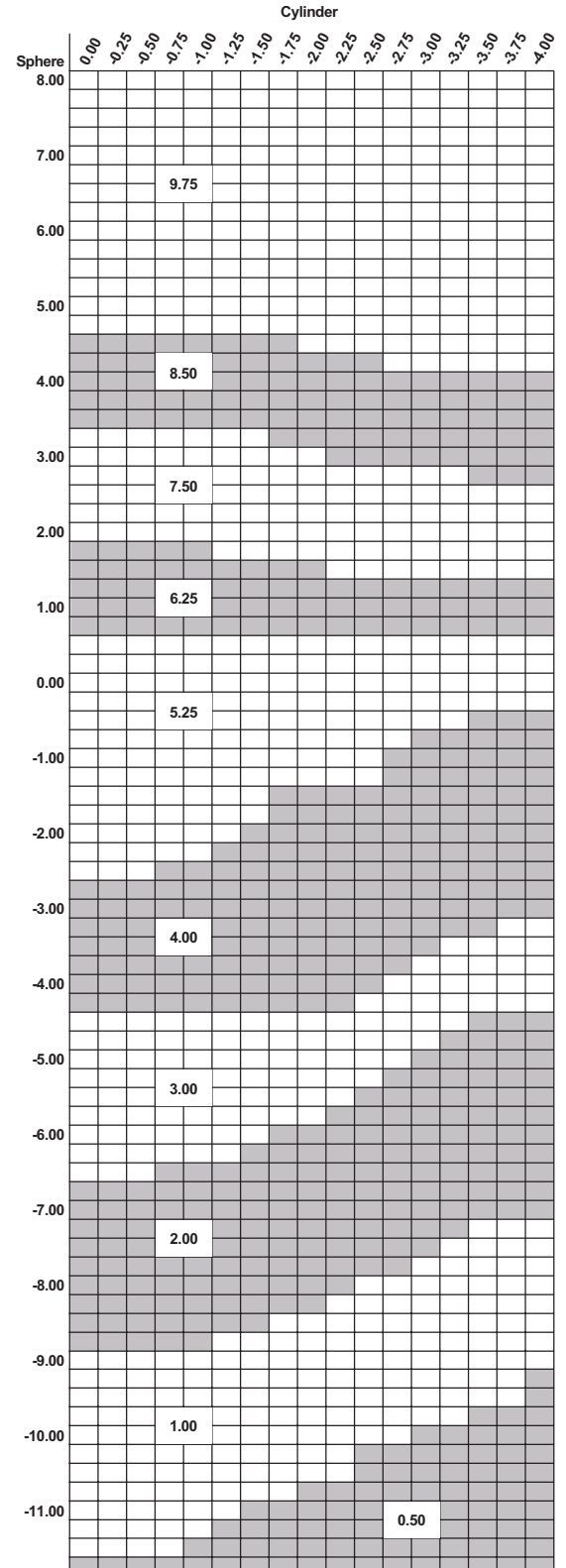
Sphere Power Up to -2.00 cyl	Base Curve	Curve Radius	Center Thickness	Edge Thickness
+4.00	6.33	83.728	4.9	1.2
+3.75	6.33	83.728	4.7	1.2
+3.50	6.33	83.728	4.5	1.2
+3.25	6.33	83.728	4.2	1.2
+3.00	6.33	83.728	4.0	1.2
+2.75	6.33	83.728	3.8	1.2
+2.50	6.33	83.728	3.5	1.2
+2.25	5.20	101.923	3.3	1.2
+2.00	5.20	101.923	3.0	1.2
+1.75	5.20	101.923	2.8	1.2
+1.50	5.20	101.923	2.6	1.2
+1.25	5.20	101.923	2.4	1.2
+1.00	5.20	101.923	2.1	1.2
+0.75	5.20	101.923	1.9	1.2
+0.50	5.20	101.923	1.9	1.4
+0.25	5.20	101.923	1.8	1.6
Plano	4.06	130.542	1.8	1.8
-0.25	4.06	130.542	1.6	1.9
-0.50	4.06	130.542	1.5	2.2
-0.75	4.06	130.542	1.5	2.5
-1.00	2.94	180.272	1.5	2.8
-1.25	2.94	180.272	1.5	3.1
-1.50	2.94	180.272	1.5	3.4
-1.75	2.94	180.272	1.4	3.7
-2.00	2.94	180.272	1.4	4.0
-2.25	2.94	180.272	1.4	4.3
-2.50	2.94	180.272	1.4	4.6
-2.75	2.94	180.272	1.4	5.0
-3.00	2.03	261.084	1.4	5.2
-3.25	2.03	261.084	1.3	5.5
-3.50	2.03	261.084	1.3	5.8
-3.75	2.03	261.084	1.3	6.1
-4.00	2.03	261.084	1.3	6.5
-4.25	2.03	261.084	1.3	6.8
-4.50	2.03	261.084	1.3	7.2
-4.75	2.03	261.084	1.3	7.5
-5.00	2.03	261.084	1.3	7.9
-5.25	1.13	469.027	1.3	8.0
-5.50	1.13	469.027	1.3	8.4
-5.75	1.13	469.027	1.3	8.8
-6.00	1.13	469.027	1.3	9.1
-6.25	1.13	469.027	1.3	9.5
-6.50	1.13	469.027	1.3	9.9
-6.75	1.13	469.027	1.3	10.2
-7.00	0.45	1177.778	1.3	10.4
-7.25	0.45	1177.778	1.3	10.8
-7.50	0.45	1177.778	1.3	11.1
-7.75	0.45	1177.778	1.3	11.5
-8.00	0.45	1177.778	1.3	11.9



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## Base Curve Selection



## Polycarbonate

**VISION EASE Clear Blue Filter™ Semi-Finished Single Vision**  
75mm Spherical Single Vision

Base Curve	True Curve (1.530)	Front Radius	50mm SAG*	Back Curve	Back Radius	CT (mm) Nominal	CT (mm) Minimum	ET (mm) Nominal
0.50	0.45	1177.778	0.265	-6.25	-84.800	9.4	8.9	17.5
1.00	1.13	469.027	0.667	-6.25	-84.800	10.2	9.7	17.4
2.00	2.03	261.084	1.200	-6.25	-84.800	8.0	7.5	14.0
3.00	2.94	180.272	1.742	-6.25	-84.800	9.2	8.7	14.0
4.00	4.07	130.221	2.422	-6.25	-84.800	8.8	8.3	10.2
5.25	5.20	101.923	3.114	-6.25	-84.800	8.6	8.1	8.0
6.25	6.33	83.728	3.819	-6.25	-84.800	8.1	7.6	8.0
7.50	7.46	71.046	4.544	-6.25	-84.800	9.0	8.5	7.0
8.50	8.60	61.628	5.299	-6.25	-84.800	10.0	9.5	6.0
9.75	9.73	54.471	6.076	-7.50	-70.667	10.0	9.5	5.9

\*Utilized for power calculation only, not for thickness calculation.