

TRILOGY 1.53

SPHERICAL SINGLE VISION CLEAR (HARDCOATED AVAILABLE)

DIAMETER	NOMINAL CURVE	TRUE CURVE	BACK CURVE	EDGE	CENTER	SAG AT 50	RADIUS	RX RANGE
76	0.50	0.49	4.25	14.4	9.9	0.29	1081.63	-8.75D to +7.50D
76	1.25	1.25	4.25	14.4	10.8	0.74	424.00	
76	2.25	2.26	4.25	14.6	12.3	1.34	234.51	
76	3.25	3.26	4.25	14.3	13.4	1.93	162.58	
76	4.25	4.23	4.25	14.5	14.8	2.52	125.30	
76	5.25	5.33	6.25	7.7	6.8	3.19	99.44	
76	6.25	6.24	6.25	7.4	8.1	3.76	84.94	
76	7.25	7.33	6.25	7.5	9.8	4.44	72.31	
76	8.25	8.27	6.25	7.3	11.3	5.08	64.09	

TRILOGY 1.53

65 MM SPHERICAL SINGLE VISION CLEAR (HARDCOATED AVAILABLE)

DIAMETER	NOMINAL CURVE	TRUE CURVE	BACK CURVE	EDGE	CENTER	SAG AT 50	RADIUS	RX RANGE
65	0.50	0.49	4.25	12.0	8.7	0.29	1081.63	-9.50D to +7.50D
65	1.25	1.23	4.25	12.0	9.5	0.73	430.89	
65	2.25	2.26	4.25	12.0	10.4	1.34	234.51	
65	3.25	3.26	4.25	9.1	8.7	1.93	162.58	
65	4.25	4.23	4.25	8.9	9.5	2.52	125.30	
65	5.25	5.33	6.25	8.7	8.4	3.19	99.44	
65	6.25	6.24	6.25	6.1	6.9	3.76	84.94	
65	7.25	7.33	6.25	6.1	8.1	4.45	72.31	
65	8.25	8.27	6.25	6.0	9.1	5.08	64.09	

TRILOGY 1.53

ASPHERIC SINGLE VISION CLEAR (HARDCOATED AVAILABLE)

DIAMETER	NOMINAL CURVE	TRUE CURVE	BACK CURVE	EDGE	CENTER	SAG AT 50	RADIUS	RX RANGE
76	0.50	0.49	6.25	13.8	7.3	0.29	1081.633	-9.00D to +6.00D
76	1.25	1.23	4.25	10.0	6.6	0.73	430.894	
76	2.25	2.25	4.25	9.8	7.8	1.33	235.556	
76	3.00	3.02	4.25	8.0	7.0	1.79	175.497	
76	3.50	3.51	4.25	8.1	7.0	2.08	150.997	
76	4.25	4.23	4.25	7.2	7.2	2.52	125.296	
76	5.00	4.99	4.25	7.2	8.1	2.98	106.212	
76	6.00	5.97	6.25	7.3	6.9	3.62	88.777	
76	7.00	7.03	6.25	7.3	8.3	4.27	75.391	

TRILOGY 1.53

FLAT TOP 28 CLEAR (HARDCOATED)

DIAMETER	NOMINAL CURVE	TRUE CURVE	BACK CURVE	EDGE	CENTER	SEG DROP	SEG INSET	SAG AT 50	RADIUS	ADD RANGE	RX RANGE
76	2.25	2.26	4.25	14.5	12.5	5.0	6.0	1.33	234.51	1.00-3.50	-9.00D to +7.00D
76	4.25	4.28	6.25	14.5	11.5	5.0	6.0	2.55	123.83	1.00-3.50	
76	6.25	6.30	6.25	8.0	8.0	5.0	6.0	3.80	84.13	1.00-3.50	
76	8.25	8.34	6.25	8.5	11.5	5.0	6.0	5.12	63.55	1.00-3.50	

TRILOGY 1.53

IMAGE® PROGRESSIVE CLEAR (HARDCOATED AVAILABLE)

DIAMETER	NOMINAL CURVE	TRUE CURVE	BACK CURVE	EDGE	CENTER	MRP DEC	SEG INSET	FITTING CROSS ABOVE MRP	SAG AT 50	RADIUS	ADD RANGE	RX RANGE
76	2.00	2.07	6.25	14.0	9.0	2.5	2.5	2	1.22	256.04	1.00 - 3.00	-8.00D to +8.00D
76	4.50	4.61	6.25	14.0	13.0	2.5	2.5	2	2.75	114.97	1.00 - 3.00	
76	6.50	6.32	6.25	8.0	9.0	2.5	2.5	2	3.81	83.86	1.00 - 3.00	
76	8.50	8.30	6.25	8.0	12.0	2.5	2.5	2	5.10	63.86	1.00 - 3.00	

TRILOGY® 1.53

ADAGE® PROGRESSIVE CLEAR (HARDCOATED)

DIAMETER	NOMINAL CURVE	TRUE CURVE	BACK-CURVE	EDGE	CENTER	MRP DEC	SEG INSET	FITTING CROSS ABOVE MRP	SAG AT 50	RADIUS	ADD RANGE	RX RANGE
76	2.00	2.01	6.25	14.1	9.2	2.5	2.5	2	1.19	263.68	0.75-3.50	-8.00D to +7.00D
76	4.00	4.05	6.25	14.1	12.0	2.5	2.5	2	2.41	130.86	0.75-3.50	
76	6.00	6.07	6.25	7.4	8.25	2.5	2.5	2	3.66	87.32	0.75-3.50	
76	8.00	8.11	6.25	7.4	11.7	2.5	2.5	2	4.97	65.35	0.75-3.50	

TRILogy® 1.53**SPHERICAL SINGLE VISION TRANSITIONS® SIGNATURE™ GRAY & BROWN (HARDCOATED)**

DIAMETER	NOMINAL CURVE	TRUE CURVE	BACK CURVE	EDGE	CENTER	SAG AT 50	RADIUS	RX RANGE
76	1.25	1.25	4.25	14.4	10.8	0.74	424.00	-8.00D to +7.50D
76	2.25	2.26	4.25	14.6	12.3	1.34	234.51	
76	3.25	3.26	4.25	14.3	13.4	1.93	162.58	
76	4.25	4.23	4.25	14.5	14.8	2.52	125.30	
76	5.25	5.35	6.25	7.7	6.8	3.21	99.07	
76	6.25	6.27	6.25	7.4	8.1	3.77	84.53	
76	7.25	7.34	6.25	7.5	9.8	4.46	72.21	
76	8.25	8.28	6.25	7.3	11.3	5.09	64.01	

TRILogy 1.53**ASPHERIC SINGLE VISION TRANSITIONS® SIGNATURE™ GRAY & BROWN (HARDCOATED)**

DIAMETER	NOMINAL CURVE	TRUE CURVE	BACK CURVE	EDGE	CENTER	SAG AT 50	RADIUS	RX RANGE
76	0.50	0.62	6.25	14.5	7.0	0.36	854.84	-9.00D to +6.00D
76	1.25	1.37	4.25	10.0	7.0	0.81	386.86	
76	2.25	2.37	4.25	10.0	7.5	1.40	223.63	
76	3.00	3.09	4.25	7.5	6.5	1.83	171.52	
76	3.50	3.50	4.25	7.5	6.5	2.08	151.43	
76	4.25	4.17	4.25	7.5	7.5	2.48	127.10	
76	5.00	4.94	4.25	7.5	8.5	2.95	107.29	
76	6.00	5.92	6.25	7.5	6.5	3.56	89.53	
76	7.00	6.98	6.25	7.5	8.0	4.23	75.93	

TRILogy 1.53**FLAT TOP 28 TRANSITIONS® GRAY & BROWN (HARDCOATED)**

DIAMETER	NOMINAL CURVE	TRUE CURVE	BACK CURVE	EDGE	CENTER	SEG DROP	SEG INSET	SAG AT 50	RADIUS	ADD RANGE	RX RANGE
74	2.25	2.31	4.25	14.0	12.5	5.0	6.0	1.37	229.44	1.00-3.50	-9.00D to +7.00D
74	4.25	4.33	6.25	14.5	12.0	5.0	6.0	2.58	122.40	1.00-3.50	
74	6.25	6.34	6.25	8.0	8.0	5.0	6.0	3.82	83.59	1.00-3.50	
74	8.25	8.36	6.25	8.5	11.5	5.0	6.0	5.14	63.39	1.00-3.50	

TRILogy 1.53**IMAGE® PROGRESSIVE TRANSITIONS® SIGNATURE™ GRAY (HARDCOATED)**

DIAMETER	NOMINAL CURVE	TRUE CURVE	BACK CURVE	EDGE	CENTER	MRP DEC.	SEG INSET	FITTING CROSS ABOVE MRP	SAG AT 50	RADIUS	ADD RANGE	RX RANGE
76	2.00	2.09	6.25	14.0	9.0	2.5	2.5	2	1.24	253.59	1.00-3.00	-8.00D to +8.00D
76	4.50	4.61	6.25	14.0	13.0	2.5	2.5	2	2.75	114.97	1.00-3.00	
76	6.50	6.33	6.25	8.0	9.0	2.5	2.5	2	3.82	83.73	1.00-3.00	
76	8.50	8.30	6.25	8.0	12.0	2.5	2.5	2	5.10	63.86	1.00-3.00	

TRILogy 1.53**SINGLE VISION SPHERICAL TRANSITIONS® XTRACTIVE® GRAY (HARDCOATED)**

DIAMETER	NOMINAL CURVE	TRUE CURVE	BACK CURVE	EDGE	CENTER	SAG AT 50	RADIUS	RX RANGE
76	1.25	1.30	6.25	14.3	7.5	0.77	407.69	-8.00D TO +7.50D
76	2.25	2.30	6.25	9.7	4.6	1.36	230.44	
76	3.25	3.31	6.25	9.6	6.3	1.96	160.12	
76	4.25	4.26	6.25	7.4	4.7	2.54	124.41	
76	5.25	5.35	6.25	7.7	6.8	3.21	99.07	
76	6.25	6.27	6.25	7.4	8.1	3.77	84.53	
76	7.25	7.34	6.25	7.5	9.8	4.46	72.21	
76	8.25	8.28	6.25	7.3	11.3	5.09	64.01	

TRILogy 1.53**IMAGE® PROGRESSIVE TRANSITIONS® XTRACTIVE® GRAY (HARDCOATED)**

DIAMETER	NOMINAL CURVE	TRUE CURVE	BACK CURVE	EDGE	CENTER	MRP DEC.	SEG INSET	FITTING CROSS ABOVE MRP	SAG AT 50	RADIUS	ADD RANGE	RX RANGE
76	2.00	2.09	6.25	14.0	9.0	2.5	2.5	2	1.24	253.59	1.00-3.00	-8.00D to +8.00D
76	4.50	4.61	6.25	14.0	13.0	2.5	2.5	2	2.75	114.97	1.00-3.00	
76	6.50	6.33	6.25	8.0	9.0	2.5	2.5	2	3.82	83.73	1.00-3.00	
76	8.50	8.30	6.25	8.0	12.0	2.5	2.5	2	5.10	63.86	1.00-3.00	

TRILOGY 1.53 — TRANSITIONS® VANTAGE® SINGLE VISION SPHERICAL GRAY (HARDCOATED)

DIAMETER	NOMINAL CURVE	TRUE CURVE	BACK CURVE	EDGE	CENTER	SAG AT 50	RADIUS	RX RANGE
75	1.25	1.25	4.25	14.4	10.8	0.74	424.00	-8.25D to +7.50D
75	2.25	2.26	4.25	14.6	12.3	1.34	234.51	
75	3.25	3.26	4.25	14.3	13.4	1.93	162.58	
75	4.25	4.23	4.25	14.5	14.8	2.52	125.30	
75	5.25	5.35	6.25	7.7	6.8	3.21	99.07	
75	6.25	6.27	6.25	7.4	8.1	3.77	84.53	
75	7.25	7.34	6.25	7.5	9.8	4.46	72.21	
75	8.25	8.28	6.25	7.3	11.3	5.09	64.01	

TRILOGY 1.53 — NUPOLAR® SINGLE VISION GRAY 3 & BROWN (HARDCOATED)

DIAMETER	NOMINAL CURVE	TRUE CURVE	BACK CURVE	EDGE	CENTER	SAG AT 50	RADIUS	RX RANGE
74	2.25	2.26	6.25	10.9	5.6	1.34	234.51	-7.00 to +7.50
74	4.25	4.24	6.25	11.2	8.4	2.53	125.00	
74	6.25	6.25	6.25	8.5	8.6	3.77	84.80	
74	8.25	8.26	6.25	8.7	11.9	5.07	64.17	



TRILOGY® 1.53 — FINISHED PLANOS GRAY 3 & BROWN

DIAMETER	NOMINAL CURVE
75	6.25

FINISHED SPHERICAL SINGLE VISION

CLEAR HARD COAT & CLEAR AR HARD COAT

CYL SPH	SPH (+) on CYL (-)								
	+0.00	-0.25	-0.50	-0.75	-1.00	-1.25	-1.50	-1.75	-2.00
+0.25									
+0.50									
+0.75									
+1.00									
+1.25									
+1.50									
+1.75									
+2.00									
+2.25									
+2.50									
+2.75									
+3.00									
+3.25									
+3.50									
+3.75									
+4.00									
+4.25									
+4.50									
+4.75									
+5.00									
+5.25									
+5.50									
+5.75									
+6.00									

CYL SPH	SPH (-) on CYL (-)								
	+0.00	-0.25	-0.50	-0.75	-1.00	-1.25	-1.50	-1.75	-2.00
+0.00									
-0.25									
-0.50									
-0.75									
-1.00									
-1.25									
-1.50									
-1.75									
-2.00									
-2.25									
-2.50									
-2.75									
-3.00									
-3.25									
-3.50									
-3.75									
-4.00									
-4.25									
-4.50									
-4.75									
-5.00									
-5.25									
-5.50									
-5.75									
-6.00									
-6.25									
-6.50									
-6.75									
-7.00									
-7.25									
-7.50									
-7.75									
-8.00									

□ 65 mm
 ■ 70 mm