



Lens Availability 2017

X-Cel Optical Company



Manufacturing world class lenses in America since 1937.

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Transitions Signature 1.50

Spherical SFSV

PCAT	Diameter	Color	Base Curves
XB26	72mm	Gray	0.50, 2.25, 4.25, 5.25, 6.25, 8.25
XB20	72mm	Brown	0.50, 2.25, 4.25, 5.25, 6.25, 8.25
XA05	76mm	XTRActive Gray	0.50, 2.25, 4.25, 5.25, 6.25, 8.25
XB65	76mm	XTRActive Brown	0.50, 2.25, 4.25, 5.25, 6.25, 8.25
XA72	76mm	Vantage	0.50, 2.25, 4.25, 5.25, 6.25, 8.25

Spherical SFDS

PCAT	Diameter	Color	Base Curves
XB25	69mm	Gray	10.25
XB30	73mm	Gray	8.75
XB31	77mm	Gray	0.50, 2.00, 3.50, 4.25, 5.25, 6.25, 7.25
XB29	69mm	Brown	10.25
XB13	73mm	Brown	8.75
XB38	77mm	Brown	0.50, 2.00, 3.50, 4.25, 5.25, 6.25, 7.25

Freedom ID Progressive

PCAT	Diameter	Color	Base Curves
XB41	72mm	Gray	3.25, 5.25, 6.25, 7.25

Flat Top 28mm Bifocal

Pcat	Diameter	Color	Base Curves	Add Power
XB22	76mm	Gray	0.50, 2.25, 4.25, 5.25, 6.25, 8.25	1.00 to 3.00
XB11	76mm	Brown	0.50, 2.25, 4.25, 5.25, 6.25, 8.25	1.00 to 3.00
XA04	76mm	XTRActive Gray	0.50, 2.25, 4.25, 5.25, 6.25, 8.25	1.00 to 3.00
XB64	76mm	XTRActive Brown	0.50, 2.25, 4.25, 5.25, 6.25, 8.25	1.00 to 3.00
XB12	78mm	Gray	4.25, 6.25, 8.25	0.75, 3.25 to 5.00
XB19	72mm	Gray	10.25	1.00 to 3.00
XB39	78mm	Brown	4.25, 6.25, 8.25	0.75, 3.25 to 5.00
XA82	78mm	XTRActive Gray	4.25, 6.25, 8.25	0.75, 3.25 to 4.00
XB63	78mm	XTRActive Brown	4.25, 6.25, 8.25	0.75, 3.25 to 4.00

Flat Top 35mm Bifocal

PCAT	Diameter	Color	Base Curves	Add Power
XB40	72mm	Gray	2.25	1.00 to 3.00
XB33	78mm	Gray	4.25, 6.25, 8.25	0.75 to 4.00
XB23	78mm	Brown	4.25, 6.25, 8.25	0.75 to 4.00

Round 24mm Bifocal

PCAT	Diameter	Color	Base Curves	Add Power
XB15	78mm	Gray	4.25, 6.25, 8.25	0.75 to 4.00
XB36	78mm	Brown	4.25, 6.25, 8.25	0.75 to 4.00

Flat Top 7X28mm Trifocal

PCAT	Diam.	Color	Base Curves	Add Power
XB09	72mm	Gray	2.25	1.50 to 3.00
XB16	78mm	Gray	4.25, 6.25, 8.25	1.50 to 4.00
XB09	72mm	Gray	10.25	1.75 to 3.00
XB10	72mm	Brown	2.25	1.50 to 3.00
XB27	78mm	Brown	4.25, 6.25, 8.25	1.50 to 4.00
XB46	78mm	XTRActive Gray	4.25, 6.25, 8.25	1.50 to 4.00
XB61	78mm	XTRActive Brown	4.25, 6.25, 8.25	1.50 to 4.00

Flat Top 8x35mm Trifocal

PCAT	Diameter	Color	Base Curves	Add Power
XB17	72mm	Gray	2.25	1.50 to 3.00
XB34	78mm	Gray	4.25, 6.25, 8.25	1.50 to 4.00
XB18	78mm	Brown	4.25, 6.25, 8.25	1.50 to 4.00

Transitions High-X 1.55

Spherical SFSV

PCAT	Diameter	Color	Base Curves
X995	72mm	Gray	0.50, 2.25, 10.25
X996	78mm	Gray	4.25, 6.25, 8.25

Flat Top 28mm Bifocal

PCAT	Diameter	Color	Base Curves	Add Power
X991	72mm	Gray	0.50, 2.25, 10.25	1.00 to 3.50
X992	78mm	Gray	4.25, 6.25, 8.25	1.00 to 4.00

Flat Top 35mm Bifocal

PCAT	Diameter	Color	Base Curves	Add Power
X993	72mm	Gray	0.50, 2.25	1.00 to 3.50
X994	78mm	Gray	4.25, 6.25, 8.25	1.00 to 4.00

Flat Top 7x28mm Trifocal

PCAT	Diameter	Color	Base Curves	Add Power
X987	72mm	Gray	0.50, 2.25	1.50 to 3.50
X988	78mm	Gray	4.25, 6.25, 8.25	1.50 to 4.00

Flat Top 8x35mm Trifocal

PCAT	Diameter	Color	Base Curves	Add Power
X989	72mm	Gray	2.25	1.50 to 3.00
X990	78mm	Gray	4.25, 6.25, 8.25	1.50 to 3.00

Transitions High-X 1.74

Spherical SFSV 1.74 Transitions

PCAT	Diameter	Color	Base Curves
XB59	65mm	Gray	0.50, 1.00, 8.00, 9.00
OBR3	72mm	Gray	2.00, 3.00, 4.00, 5.00, 6.00, 7.00
OBR0	65mm	Brown	0.50, 1.00, 8.00, 9.00
OBR2	72mm	Brown	2.00, 3.00, 4.00, 5.00, 6.00, 7.00

Transitions Trivex

FSV

PCAT	Diameter	Color	Base Curves
XB21	70mm	Gray	+0.00 to -6.00 out to a -2.00 cylinder
OBW0	70mm	Gray AR	+0.00 to -6.00 out to a -2.00 cylinder

Spherical SFSV

PCAT	Diameter	Color	Base Curves
XB42	74mm	Gray	0.50, 1.25, 2.25, 3.25, 4.25, 5.25, 6.25, 7.25, 8.25, 9.25
XB45	74mm	Brown	0.50, 1.25, 2.25, 3.25, 4.25, 5.25, 6.25, 7.25, 8.25, 9.25
XB66	74mm	Graphite Green	0.50, 1.25, 2.25, 3.25, 4.25, 5.25, 6.25, 7.25, 8.25, 9.25
X978	74mm	XTRActive Gray	1.25, 2.25, 3.25, 4.25, 5.25, 6.25, 7.25, 8.25, 9.25
XB62	74mm	XTRActive Brown	1.25, 2.25, 3.25, 4.25, 5.25, 6.25, 7.25, 8.25, 9.25
XA74	74mm	Vantage	1.25, 2.25, 3.25, 4.25, 5.25, 6.25, 7.25, 8.25, 9.25
XB37	80mm	Gray	6.25, 7.25, 8.25, 9.25
XB44	80mm	Brown	6.25, 7.25, 8.25, 9.25

Aspheric SFSV

PCAT	Diameter	Color	Base Curves
XB08	74mm	Gray	0.50, 1.50, 2.50, 3.50, 4.25, 5.25, 6.25, 7.25, 8.25, 9.25
XB43	74mm	Brown	0.50, 1.50, 2.50, 3.50, 4.25, 5.25, 6.25, 7.25, 8.25, 9.25

Freedom ID Progressive

PCAT	Diameter	Color	Base Curves	Add Power
XB14	74mm	Gray	3.25, 5.25, 7.25	1.00 to 3.00
X979	74mm	XTRActive Gray	3.25, 5.25, 7.25	1.00 to 3.00
XA92	74mm	Vantage	3.25, 5.25, 7.25	1.00 to 3.00

Flat Top 28mm Bifocal

PCAT	Diameter	Color	Base Curves	Add Power
XB07	74mm	Gray	0.50, 2.25, 4.25, 6.25, 8.25	1.00 to 4.00
OAM0	74mm	Brown	0.50, 2.25, 4.25, 6.25, 8.25	1.00 to 4.00

Flat Top 35mm Bifocal

PCAT	Diameter	Color	Base Curves	Add Power
XB35	74mm	Gray	2.25, 4.25, 6.25, 8.25	1.00 to 4.00

Round 24mm Bifocal

PCAT	Diameter	Color	Base Curves	Add Power
XB28	74mm	Gray	2.25, 4.25, 6.25, 8.25	1.00 to 3.50

Flat Top 7X28mm Trifocal

PCAT	Diameter	Color	Base Curves	Add Power
XB32	74mm	Gray	2.25, 4.25, 6.25, 8.25	1.50 to 3.50
OBP9	74mm	Brown	2.25, 4.25, 6.25, 8.25	1.50 to 3.50

Flat Top 8x35mm Trifocal

PCAT	Diameter	Color	Base Curves	Add Power
XB24	74mm	Gray	2.25, 4.25, 6.25, 8.25	1.50 to 3.00

Double D28 Occupational

PCAT	Diameter	Color	Base Curves	Add Power
OBS7	74mm	Gray	4.25	Even adds 1.50 to 2.50
OBS7	74mm	Gray	6.25	Even adds 1.00 to 3.00
OBS7	74mm	Gray	6.25 Un-Even Adds 125/225, 125/250, 150/200, 175/225, 200/250	

Trivex

FSV

PCAT	Diameter	Color	Base Curves
X826	65mm	HC	+0.25 to +4.00 out to a -2.00 cylinder
0DD9	65mm	AR	+0.25 to +2.00 out to a -2.00 cylinder
X827	70mm	HC	+0.00 to -6.00 out to a -2.00 cylinder
0BW0	70mm	AR	+0.00 to -6.00 out to a -2.00 cylinder

Spherical SFSV

PCAT	Diameter	Color	Base Curves
X852	76mm	HC	0.50, 1.25, 2.25,3.25, 4.25, 5.25, 6.25, 7.25, 8.25, 9.25
XB49	76mm	UC	0.50, 1.25, 2.25,3.25, 4.25, 5.25, 6.25, 7.25, 8.25, 9.25
X958	76mm	Thick HC	0.50, 1.25, 2.25,3.25, 4.25, 5.25, 6.25, 7.25, 8.25, 9.25
XA73	80mm	HC	6.25, 7.25, 8.25, 9.25
0BP8	80mm	UC	6.25, 7.25, 8.25, 9.25

Spherical SFSV Pre-Tinted

PCAT	Diameter	Color	Base Curves
X933	75mm	Gray 15	0.50, 2.25, 4.25, 5.25, 6.25, 8.25
X927	75mm	Brown 15	0.50, 2.25, 4.25, 5.25, 6.25, 8.25
X929	75mm	Gray/Green 15	0.50, 2.25, 4.25, 5.25, 6.25, 8.25

Polarized Spherical SFSV

PCAT	Diameter	Color	Base Curves
XA84	76mm	Gray HC	2.25, 4.25, 6.25, 8.25
XA83	76mm	Brown HC	2.25, 4.25, 6.25, 8.25

Aspheric SFSV

PCAT	Diameter	Color	Base Curves
X951	76mm	HC	0.50, 1.50, 2.50, 3.50, 4.25, 5.25, 6.25, 7.25, 8.25, 9.25
XB51	76mm	UC	0.50, 1.50, 2.50, 3.50, 4.25, 5.25, 6.25, 7.25, 8.25, 9.25

Freedom ID Progressive

PCAT	Diameter	Color	Base Curves	Add Power
X874	76mm	HC	3.25, 5.25, 7.25	1.00 to 3.00
0BR1	76mm	UC	3.25, 5.25, 7.25	1.00 to 3.00

Flat Top 28mm Bifocal

PCAT	Diameter	Color	Base Curves	Add Power
X851	76mm	HC	0.50, 2.25, 4.25, 6.25, 8.25	1.00 to 4.00
XB55	76mm	UC	0.50, 2.25, 4.25, 6.25, 8.25	1.00 to 4.00
X955	76mm	Thick HC	0.50, 2.25, 4.25, 6.25, 8.25	1.00 to 4.00

Flat Top 35mm Bifocal

PCAT	Diameter	Color	Base Curves	Add Power
X945	76mm	HC	2.25, 4.25, 6.25, 8.25	1.00 to 4.00
XB56	76mm	UC	2.25, 4.25, 6.25, 8.25	1.00 to 4.00
X956	76mm	Thick HC	2.25, 4.25, 6.25, 8.25	1.00 to 4.00

Round 24mm Bifocal

PCAT	Diameter	Color	Base Curves	Add Power
X944	76mm	HC	2.25, 4.25, 6.25, 8.25	1.00 to 3.50
0BP7	76mm	UC	2.25, 4.25, 6.25, 8.25	1.00 to 3.50
X957	76mm	Thick HC	2.25, 4.25, 6.25, 8.25	1.00 to 3.50

Trivex (continued)

Flat Top 7X28mm Trifocal

PCAT	Diameter	Color	Base Curves	Add Power
X825	76mm	HC	2.25, 4.25, 6.25, 8.25	1.50 to 3.50
XB53	76mm	UC	2.25, 4.25, 6.25, 8.25	1.50 to 3.50
X954	76mm	Thick HC	2.25, 4.25, 6.25, 8.25	1.50 to 3.50

Flat Top 8x35mm Trifocal

PCAT	Diameter	Color	Base Curves	Add Power
X999	76mm	HC	2.25, 4.25, 6.25, 8.25	1.50 to 3.00
XB54	76mm	UC	2.25, 4.25, 6.25, 8.25	1.50 to 3.00
XA76	76mm	Thick HC	2.25, 4.25, 6.25, 8.25	1.50 to 3.00

Double D28 Occupational

PCAT	Diameter	Color	Base Curves	Add Power
X967	76mm	HC	4.25	Even adds 1.50 to 2.50
X967	76mm	HC	6.25	Even adds 1.00 to 3.00
X967	76mm	HC	6.25 Un-Even Adds	125/225, 125/250, 150/200, 175/225, 200/250

Tribrid

Spherical SFSV

PCAT	Diameter	Color	Base Curves
0BW9	71mm	HC	0.50, 2.50, 3.50, 4.50, 5.50, 6.50, 7.50, 8.50
0DJ0	71mm	UC	0.50, 2.50, 3.50, 4.50, 5.50, 6.50, 7.50, 8.50
0DT7	79mm	HC	0.50, 2.50, 3.50, 4.50, 5.50, 6.50, 7.50, 8.50
0DT6	79mm	UC	0.50, 2.50, 3.50, 4.50, 5.50, 6.50, 7.50, 8.50

High-X 1.55

Spherical SFSV

PCAT	Diameter	Color	Base Curves
X847	75mm	HC	-4.25, -2.25, 0.50, 2.25, 4.25, 6.25, 8.25
X846	71mm	HC	10.25, 12.25
X849	75mm	Thick HC	0.50, 2.25, 4.25, 6.25, 8.25
X848	71mm	Thick HC	10.25

Flat Top 28mm Bifocal

PCAT	Diameter	Color	Base Curves	Add Power
X838	75mm	HC	-3.25	1.50 to 4.00
X838	75mm	HC	0.50, 2.25, 4.25, 6.25, 8.25	1.00 to 4.00
X837	71mm	HC	10.25	1.00 to 4.00
X837	71mm	HC	12.25	2.00 to 3.50
X840	75mm	Thick HC	0.50, 2.25, 4.25, 6.25, 8.25	1.00 to 4.00
X839	71mm	Thick HC	10.25	1.00 to 4.00

Flat Top 35mm Bifocal

PCAT	Diameter	Color	Base Curves	Add Power
X841	75mm	HC	2.25	1.00 to 3.50
X842	81mm	HC	4.25, 6.25, 8.25	1.00 to 4.00
X843	75mm	Thick HC	2.25	1.00 to 3.50
X844	81mm	Thick HC	6.25, 8.25	1.00 to 4.00

Flat Top 7x28mm Trifocal

PCAT	Diameter	Color	Base Curves	Add Power
X830	75mm	HC	0.50, 2.25, 4.25, 6.25, 8.25	1.50 to 4.00
X829	71mm	HC	10.25	1.75 to 4.00
X832	75mm	Thick HC	0.50, 2.25, 4.25, 6.25, 8.25	1.50 to 4.00
X831	71mm	Thick HC	10.25	1.75 to 4.00

Flat Top 8x35mm Trifocal

PCAT	Diameter	Color	Base Curves	Add Power
X833	75mm	HC	2.25	1.50 to 3.00
X834	81mm	HC	4.25, 6.25, 8.25	1.50 to 3.00
X835	75mm	Thick HC	2.25	1.50 to 3.00
X836	81mm	Thick HC	6.25, 8.25	1.50 to 3.00

High-X 1.67 & 1.74

Spherical SFSV 1.67

PCAT	Diameter	Color	Base Curves
X824	74mm	HC	-6.25, -2.25, +1.25
XA07	75mm	HC	2.25, 3.25, 4.25, 5.25, 6.25, 7.25, 8.25, 9.25
X953	68mm	HC	10.25, 12.25

Aspheric FSV 1.67

PCAT	Diameter	Color	Base Curves
X026	75mm	HC	0.00 to -6.00 out to a -3.00 cylinder
X009	71mm	HC	-6.25 to -8.00 out to a -3.00 cylinder
X009	71mm	HC	-8.25 to -10.00 out to a -2.00 cylinder
0BQ9	75mm	AC	0.00 to -6.00 out to a -3.00 cylinder
0BQ9	71mm	AC	-6.25 to -8.00 out to a -3.00 cylinder
0BQ9	71mm	AC	-8.25 to -10.00 out to a -2.00 cylinder

Flat Top 28mm Bifocal 1.67

PCAT	Diameter	Color	Base Curves	Add Power
X823	74mm	HC	1.25, 3.25, 5.25, 7.25, 9.25	1.50 to 3.50

Flat Top 35mm Bifocal 1.67

PCAT	Diameter	Color	Base Curves	Add Power
XA80	70mm	HC	1.00, 3.00, 5.00	1.50 to 4.00

Flat Top 7X28mm Trifocal 1.67

PCAT	Diameter	Color	Base Curves	Add Power
XA77	70mm	HC	1.00, 3.00, 5.00, 7.00	2.00 to 3.50

Spherical SFSV 1.74

PCAT	Diameter	Color	Base Curves
XA08	65mm	HC	0.50, 1.00, 8.00, 9.00
XA09	72mm	HC	2.00, 3.00, 4.00, 5.00, 6.00, 7.00

Polycarbonate

Spherical FSV Poly

PCAT	Diameter	Color	Base Curves
XB99	65mm	HC	+1.00 to +4.00 out to a -2.00 cylinder
XB58	70mm	HC	+0.75 to -8.00 out to a -2.00 cylinder

Industrial 2.0mm FSV Poly

PCAT	Diameter	Color	Base Curves
XB57	67mm	HC	+1.00 to +3.00 out to a -2.00 cylinder
XB52	72mm	HC	+0.75 to -6.00 out to a -2.00 cylinder

Spherical SFSV Poly

PCAT	Diameter	Color	Base Curves
X968	75mm	HC	0.50, 1.25, 2.25, 3.25, 4.25, 5.25, 6.25, 7.25, 8.25, 9.25

Aspheric Spherical SFSV Poly

PCAT	Diameter	Color	Base Curves
X966	75mm	HC	4.25, 5.25, 6.25, 7.25, 8.25

Flat Top 28mm Bifocal

PCAT	Diameter	Color	Base Curves	Add Power
X868	74mm	HC	0.50, 2.25, 4.25, 6.25, 8.25	100 to 3.00

Polarized SFSV

PCAT	Diameter	Color	Base Curves
XA03	76mm	Gray HC	2.25, 4.25, 6.25, 8.25
XA02	76mm	Brown HC	2.25, 4.25, 6.25, 8.25

Polarized Freedom ID

PCAT	Diameter	Color	Base Curves
X873	73mm	Gray HC	3.25, 5.25, 7.25
X872	73mm	Brown HC	3.25, 5.25, 7.25

Plastic Hard Resin

Spherical SFSV

PCAT	Diameter	Color	Base Curves
X743	71mm	UC	Plano, 2.25, 4.25, 6.25, 8.25, 10.25, 12.25, 14.25
X000	71mm	UC Thick	Plano, 2.25, 4.25, 6.25, 8.25, 10.25
X742	75mm	UC	0.50, 2.25, 4.25, 6.25, 8.25
8020	75mm	UC	-2.25, -4.25
X001	75mm	UC Thick	0.50, 2.25, 4.25, 6.25, 8.25
X741	81mm	UC	4.25, 6.25, 8.25
X002	81mm	UC Thick	6.25, 8.25

Aspheric Spherical SFSV

PCAT	Diameter	Color	Base Curves
X753	75mm	UC	4.50, 5.50, 6.50, 7.50, 8.50, 9.50
0BQ2	75mm	HC	4.50, 5.50, 6.50, 7.50, 8.50, 9.50

Freedom ID

PCAT	Diameter	Color	Base Curves	Add Power
X897	75mm	HC	3.25, 5.25, 6.25, 7.25	1.00 to 3.50

Flat Top 25mm Bifocal

PCAT	Diameter	Color	Base Curves	Add Power
X162	71mm	UC	Plano, 2.25	1.00 to 3.00
X162	71mm	UC	4.25, 6.25, 8.25	0.75 to 6.00
X162	71mm	UC	10.25	0.75 to 3.00
X888	75mm	UC	4.25, 6.25, 8.25	1.00 to 3.00
X161	75mm	UC	4.25, 6.25, 8.25	0.75, 3.25 to 4.00

Flat Top 28mm Bifocal

PCAT	Diameter	Color	Base Curves	Add Power
X158	71mm	UC	Plano	1.00 to 3.00
X158	71mm	UC	2.25	1.00 to 4.00
X158	71mm	UC	4.25, 8.25	0.75 to 4.00
X158	71mm	UC	6.25	0.50 to 4.00
X158	71mm	UC	10.25	0.75 to 3.00
X155	71mm	UC Thick	10.25	All Listed Above

Plastic Hard Resin (continued)

Flat Top 28mm Bifocal

PCAT	Diameter	Color	Base Curves	Add Power
X157	75mm	UC	0.50, 2.25	1.00 to 3.00
X157	75mm	UC	4.25, 8.25	0.75 to 3.00
X157	75mm	UC	6.25	0.50 to 3.00
X147	75mm	UC Thick	0.50, 2.25, 4.25, 6.25, 8.25	All Listed Above
X156	81mm	UC	4.25, 6.25, 8.25	0.75 to 4.00

Flat Top 35mm Bifocal

PCAT	Diameter	Color	Base Curves	Add Power
X146	71mm	UC	Plano	1.00 to 3.00
X146	71mm	UC	2.25	1.00 to 4.00
X146	71mm	UC	4.25, 6.25, 8.25	0.75 to 4.00
X146	71mm	UC	10.25	0.75 to 3.00
X145	75mm	UC	2.25	1.00 to 3.00
X145	75mm	UC	4.25, 6.25, 8.25	0.75 to 4.00
X144	81mm	UC	4.25, 6.25, 8.25	0.75 to 4.00

Round 22mm Bifocal

PCAT	Diameter	Color	Base Curves	Add Power
X749	71mm	UC	Plano, 2.25	1.00 to 3.00
X749	71mm	UC	4.25 8.25	0.75, 3.25 to 6.00
X749	71mm	UC	6.25	0.50, 3.25 to 6.00
X749	71mm	UC	10.25	0.75 to 4.00
X748	74mm	UC	4.25, 6.25, 8.25	1.00 to 3.00
X747	75mm	UC	2.25	1.00 to 3.00
X747	75mm	UC	4.25, 6.25, 8.25	0.75, 3.25 to 6.00

Round 24mm Bifocal

PCAT	Diameter	Color	Base Curves	Add Power
X744	81mm	HC	4.25, 6.25, 8.25	1.00 to 3.00

Blended 25mm Bifocal

PCAT	Diameter	Color	Base Curves	Add Power
X164	75mm	UC	2.25, 4.25, 6.25, 8.25	1.00 to 4.00

Plastic Hard Resin “continued”

Executive Bifocal

PCAT	Diameter	Color	Base Curves	Add Power
X759	68mm	UC	2.25, 4.25, 6.25	1.00 to 3.00

Lenticular RD 24mm Bifocal

PCAT	Diameter	Color	Base Curves	Add Power
XA78	68mm	UC	12.25, 14.25, 16.25	1.00 to 3.00

Lenticular Spherical SFSV

PCAT	Diameter	Color	Base Curves
XA79	68mm	UC	12.25, 14.25, 16.25, 18.25, 19.25

Flat Top 7X25 Trifocal

PCAT	Diam.	Color	Base Curves	Add Power
X182	71mm	UC	Plano, 2.25	1.75 to 3.00
X182	71mm	UC	4.25, 6.25, 8.25	1.50 to 4.00
X182	71mm	UC	10.25	2.00 to 4.00
X181	75mm	UC	4.25	2.00 to 3.00
X181	75mm	UC	6.25, 8.25	1.75 to 3.00

Flat Top 7X28 Trifocal

PCAT	Diameter	Color	Base Curves	Add Power
X178	71mm	UC	Plano, 10.25	2.00 to 3.00
X178	71mm	UC	2.25	2.00 to 4.00
X178	71mm	UC	4.25, 6.25, 8.25	1.50 to 4.00
X177	75mm	UC	4.25	1.50 to 6.00
X177	75mm	UC	6.25, 8.25	1.75 to 6.00
X176	81mm	UC	4.25, 6.25, 8.25	1.50 to 4.00

Flat Top 7X35 Trifocal

PCAT	Diameter	Color	Base Curves	Add Power
X172	71mm	UC	2.25	1.75 to 3.50
X172	71mm	UC	4.25, 8.25	1.50 to 3.50
X172	71mm	UC	6.25	1.50 to 4.00
X171	75mm	UC	2.25	2.00 to 3.25
X171	75mm	UC	4.25	1.50 to 4.00
X171	75mm	UC	6.25, 8.25	1.75 to 4.00

Flat Top 8X35 Trifocal

PCAT	Diameter	Color	Base Curves	Add Power
X167	75mm	UC	2.25	1.50 to 3.00
X166	81mm	UC	4.25, 6.25, 8.25	1.50 to 4.00

Plastic Hard Resin “continued”

Executive Trifocal

PCAT	Diameter	Color	Base Curves	Add Power
X756	68mm	UC	4.25, 6.25	1.75 to 3.00

Acclaim 61 Trifocals

PCAT	Diameter	Color	Base Curves	Add Power
X168	75mm	8 X 34 HC	4.25, 6.25	1.50 to 3.00
X190	75mm	10 X 35 HC	4.25, 6.25, 8.25	1.50 to 3.50
X188	75mm	12 X 35 HC	4.25, 6.25, 8.25	1.50 to 3.00
X822	75mm	14 X 35 HC	4.25, 6.25	1.50 to 3.00

Occupational DD28 Bifocals

PCAT	Diameter	Color	Base Curves	Add Power
X186	75mm	HC	4.25, 6.25, 8.25	Even Adds 1.00 to 3.00
4.25 Base Un-Even Adds 100/200, 125/225, 150/200, 175/225, 200/250				
6.25 Base Un-Even Adds 100/150, 100/175, 100/200, 125/175, 125/200, 125/225, 125/250				
6.25 Base Un-Even Adds 150/200, 150/225, 150/250, 150/275, 175/225, 175/250, 200/250				
8.25 Base Un-Even Adds 125/225, 150/200, 175/225, 200/250				

Occupational DD35 Bifocals

PCAT	Diameter	Color	Base Curves	Add Power
X184	75mm	HC	4.25	Even Adds 1.50 to 2.50
X184	75mm	HC	6.25	Even Adds 1.00 to 3.00
6.25 Base Un-Even Adds 125/225, 125/250, 150/200, 175/225, 200/250				

Polarized Spherical SFSV

PCAT	Diameter	Color	Base Curves
X963	76mm	Gray UC	2.25, 3.25, 4.25, 5.25, 6.25, 7.25, 8.25
X961	76mm	Brown UC	2.25, 3.25, 4.25, 5.25, 6.25, 7.25, 8.25

Polarized Flat Top 28mm

PCAT	Diameter	Color	Base Curves	Add Power
X962	76mm	Gray UC	2.25, 4.25, 6.25, 8.25	1.00 to 3.00
X960	76mm	Brown UC	2.25, 4.25, 6.25, 8.25	1.00 to 3.00

Polarized Freedom ID

PCAT	Diameter	Color	Base Curves	Add Power
XA00	80mm	Gray UC	3.25, 5.25, 7.25	1.00 to 3.00
XA01	80mm	Brown UC	3.25, 5.25, 7.25	1.00 to 3.00

Glass SFSV

Spherical SFSV

PCAT	Diameter	Color	Base Curves
XA96	65mm	Clear	4.25, 6.25
X501	66mm	Clear	8.25
X500	71mm	Clear	-0.50, -1.25, -2.25, -3.25, -4.25, -5.25, -6.25
X500	71mm	Clear	Plano, 1.25, 2.25, 3.25, 5.25, 7.25, 8.25, 10.25
XB00	70mm	Clear	4.25, 6.25
X497	71mm	Clear Thick	2.25, 4.25, 5.25, 6.25, 8.25
X499	76mm	Clear	Plano, 2.25, 4.25, 6.25, 7.25, 8.25
X496	76mm	Clear Thick	4.25, 6.25, 8.25
X055	71mm	Thin & Dark	Plano, 2.25, 3.25, 4.25, 5.25, 6.25, 7.25, 8.25
X053	71mm	Thin & Dark Thick	4.25, 6.25
X236	66mm	PGX	2.25, 8.25
X237	65mm	PGX	4.25
XB48	65mm	PGX	6.25
XB47	70mm	PGX	4.25
X235	71mm	PGX	-0.50, -1.25, -2.25, -3.25, -4.25, 5.25, -6.25
X235	71mm	PGX	Plano, 1.25, 2.25, 3.25, 5.25, 6.25, 7.25, 8.25, 10.25
X233	71mm	PGX Thick	2.25, 4.25, 5.25, 6.25, 7.25, 8.25
X234	76mm	PGX	Plano, 2.25, 4.25, 6.25, 8.25
X232	76mm	PGX Thick	4.25, 6.25, 8.25
X732	71mm	PBX	-2.25, Plano, 2.25, 3.25, 4.25, 5.25, 6.25, 7.25, 8.25, 10.25
X731	76mm	PBX	6.25
X381	71mm	Autumn Gold	Plano, 2.25, 4.25, 5.25, 6.25, 8.25, 10.25
X380	76mm	Autumn Gold	6.25
X657	76mm	Rose 1	6.25
X122	71mm	Rose 2	6.25
X466	71mm	Green 1	Plano, 2.25, 4.25, 6.25, 8.25, 10.25
X444	71mm	Green 2	6.25, 8.25, 10.25
X343	71mm	Green 3	Plano, 2.25, 4.25, 6.25, 8.25, 10.25
X342	71mm	Green 3 Thick	4.25, 6.25, 8.25
X325	71mm	Gray 1	Plano, 2.25, 4.25, 5.25, 6.25, 8.25, 10.25
X294	71mm	Gray 2	Plano, 2.25, 3.25, 4.25, 6.25, 8.25, 10.25
X594	71mm	Gray 3	3.25, 4.25, 5.25, 6.25, 7.25, 8.25, 10.25
X593	76mm	Gray 3	6.25, 8.25
X112	71mm	Canary Yellow	4.25, 6.25, 8.25
X486	71mm	G-15	2.25, 4.25, 6.25, 8.25
X722	71mm	Polarized Gray 3	3.25, 4.25, 5.25, 6.25, 7.25, 8.25
X583	71mm	Polarized Brown 3	3.25, 4.25, 5.25, 6.25, 7.25, 8.25
X721	76mm	Polarized Gray 3	4.25, 6.25, 8.25
X582	76mm	Polarized Brown 3	4.25, 6.25, 8.25

Glass Progressive Freedom ID

Freedom ID

PCAT	Diameter	Color	Base Curves	Add Power
X856	71mm	Clear	3.25, 5.25, 7.25	1.00 to 3.50
X858	71mm	PGX	3.25, 5.25, 7.25	1.00 to 3.50
X857	71mm	PBX	3.25, 5.25, 7.25	1.00 to 3.50
X867	71mm	Thin & Dark	3.25, 5.25, 7.25	1.00 to 3.50
X855	71mm	Autumn Gold	3.25, 5.25, 7.25	1.00 to 3.50
OBS4	71mm	Polarized Gray 3	3.25, 5.25, 7.25	1.00 to 3.50
OBS3	71mm	Polarized Brown 3	3.25, 5.25, 7.25	1.00 to 3.50

Glass Flat Top Bifocal

Flat Top 25mm

PCAT	Diameter	Color	Base Curves	Add Power
X534	71mm	Clear	Plano, 2.25	0.75 to 4.50
X534	71mm	Clear	4.25, 6.25, 8.25	0.50 to 6.50
X534	71mm	Clear	10.25	0.50 to 7.00
X533	76mm	Clear	4.25, 6.25, 8.25	0.50 to 4.00
X265	71mm	PGX	Plano, 2.25	0.75 to 5.00
X265	71mm	PGX	4.25, 6.25, 8.25	0.50 to 6.00
X265	71mm	PGX	10.25	0.75 to 6.00
X264	76mm	PGX	4.25, 6.25, 8.25	0.50 to 4.00
X028	71mm	Thin & Dark	Plano, 2.25, 4.25, 6.25, 8.25	0.75 to 3.00
X420	71mm	PBX	Plano, 2.25, 10.25	0.75 to 5.00
X420	71mm	PBX	4.25, 6.25, 8.25	0.50 to 6.00
X353	71mm	Green 3	Plano, 2.25, 10.25	1.00 to 4.00
X353	71mm	Green 3	4.25, 6.25, 8.25	1.00 to 5.00
X616	71mm	Gray 3	4.25, 6.25, 8.25, 10.25	1.00 to 4.00

Glass Flat Top Bifocal “continued”

Flat Top 28mm

PCAT	Diameter	Color	Base Curves	Add Power
XB05	65mm	Clear	4.25, 6.25, 8.25	1.00 to 3.00
XA99	70mm	Clear	4.25, 6.25, 8.25	0.75 to 3.50
X528	71mm	Clear	Plano, 2.25, 10.25	0.75 to 5.00
X528	71mm	Clear	4.25, 6.25, 8.25	0.50, 3.75 to 6.00
X526	71mm	Clear Thick	Plano, 2.25, 4.25, 6.25, 8.25, 10.25	0.50, 3.75 to 6.00
X527	76mm	Clear	4.25, 6.25, 8.25	0.50 to 4.00
XA98	65mm	PGX	Plano, 2.25, 4.25, 6.25, 8.25	1.00 to 3.00
X260	71mm	PGX	Plano, 2.25, 8.25, 10.25	0.75 to 5.75
X260	71mm	PGX	4.25, 6.25	0.50, 3.75 to 5.25
XB04	70mm	PGX	4.25, 6.25	0.75 to 3.50
X259	76mm	PGX	2.25, 4.25, 6.25, 8.25	0.50 to 4.00
X258	71mm	PGX Thick	2.25, 4.25, 6.25, 8.25, 10.25	1.00 to 5.75
X257	76mm	PGX Thick	4.25, 6.25, 8.25	1.00 to 4.00
X027	71mm	Thin & Dark	Plano, 2.25	0.75 to 3.00
X027	71mm	Thin & Dark	4.25, 6.25, 8.25	0.75 to 3.50
X972	71mm	Thin & Dark Thick	4.25, 6.25, 8.25	0.75 to 3.50
XB01	70mm	PBX	4.25, 6.25, 8.25	0.75 to 3.50
X416	71mm	PBX	4.25, 6.25, 8.25	3.75 to 5.00
X416	71mm	PBX	Plano, 2.25, 10.25	1.00 to 4.00
XB06	70mm	Autumn Gold	4.25, 6.25, 8.25	0.75 to 3.50
X391	71mm	Autumn Gold	4.25, 6.25, 8.25	3.75 to 5.00
X391	71mm	Autumn Gold	Plano, 2.25, 10.25	1.00 to 4.00
X136	71mm	Rose 2	6.25	0.50 to 4.50
X474	71mm	Green 1	4.25, 6.25, 8.25, 10.25	1.00 to 4.00
X452	71mm	Green 2	6.25, 8.25, 10.25	1.00 to 4.00
X351	71mm	Green 3	Plano, 2.25, 4.25, 6.25, 8.25, 10.25	1.00 to 5.00
X332	71mm	Gray 1	2.25, 4.25, 6.25, 8.25, 10.25	1.00 to 4.50
X304	71mm	Gray 2	2.25, 4.25, 6.25, 8.25, 10.25	1.00 to 4.25
X612	71mm	Gray 3	4.25, 6.25, 8.25, 10.25	1.00 to 4.50
X611	76mm	Gray 3	6.25, 8.25	1.00 to 3.50
X725	71mm	Polarized Gray 3	4.25, 6.25, 8.25	1.00 to 3.00
X585	71mm	Polarized Brown 3	4.25, 6.25, 8.25	1.00 to 3.00
X724	76mm	Polarized Gray 3	4.25, 6.25, 8.25	1.00 to 3.00
X584	76mm	Polarized Brown 3	4.25, 6.25, 8.25	1.00 to 3.00

Glass Flat Top Bifocal “continued”

Flat Top 35mm

PCAT	Diameter	Color	Base Curves	Add Power
X523	66mm	Clear	4.25, 6.25, 8.25	1.75 to 2.50
XA95	70mm	Clear	4.25, 6.25, 8.25	0.75 to 3.50
X522	71mm	Clear	4.25, 6.25, 8.25	0.50, 3.75, 4.50
X522	71mm	Clear	Plano, 2.25, 10.25	0.75 to 4.00
X520	71mm	Clear Thick	4.25, 6.25, 8.25, 10.25	1.00 to 3.00
X521	76mm	Clear	4.25, 6.25, 8.25	0.50 to 3.00
X519	76mm	Clear Thick	4.25, 6.25	1.00 to 3.00
X256	66mm	PGX	4.25, 6.25, 8.25	1.75 to 2.50
XA93	70mm	PGX	4.25, 6.25, 8.25	0.75 to 3.50
X255	71mm	PGX	Plano, 2.25, 10.25	0.50 to 4.00
X255	71mm	PGX	4.25, 6.25, 8.25	0.50, 0.75, 3.75 to 5.00
X253	71mm	PGX Thick	4.25, 6.25, 8.25	0.50 to 4.00
X254	76mm	PGX	4.25, 6.25, 8.25	0.75 to 3.00
X252	76mm	PGX Thick	4.25, 6.25, 8.25	0.75 to 3.00
X133	71mm	Rose 2	6.25	1.00 to 3.00
X472	71mm	Green 1	4.25, 6.25	1.00 to 3.00
X450	71mm	Green 2	2.25, 4.25, 6.25, 8.25	1.00 to 3.25
X349	71mm	Green 3	2.25, 4.25, 6.25, 8.25	1.00 to 3.50
X330	71mm	Gray 1	2.25, 4.25, 6.25, 8.25	1.00 to 3.50
X301	71mm	Gray 2	6.25, 8.25	1.00 to 3.75
X608	71mm	Gray 3	4.25, 6.25, 8.25, 10.25	1.00 to 3.75
X607	76mm	Gray 3	6.25, 8.25	1.00 to 3.00

Glass Round Bifocal

Round 22mm Bifocal

PCAT	Diameter	Color	Base Curves	Add Power
X512	66mm	Clear	4.25, 6.25, 8.25	1.75 to 2.50
X511	71mm	Clear	Plano, 2.25, 10.25	0.50 to 4.00
X511	71mm	Clear	4.25, 6.25, 8.25	0.50 to 5.00
X510	76mm	Clear	4.25, 6.25, 8.25	0.75 to 4.00
X509	71mm	Clear Thick	4.25, 6.25, 8.25	0.50 to 5.00
X246	66mm	PGX	4.25, 6.25, 8.25	1.75 to 2.50
X245	71mm	PGX	Plano, 2.25, 10.25	0.75 to 4.00
X245	71mm	PGX	4.25, 6.25, 8.25	0.50 to 4.50
X244	76mm	PGX	4.25, 6.25, 8.25	0.75 to 4.00
X407	71mm	PBX	4.25, 6.25, 8.25, 10.25	0.75 to 4.00
X057	71mm	Thin & Dark	4.25, 6.25, 8.25	0.50 to 3.00
X128	71mm	Rose 2	6.25	0.50 to 4.50
X347	71mm	Green 3	4.25, 6.25, 8.25	1.00 to 3.50
X328	71mm	Gray 1	4.25, 6.25, 8.25	1.00 to 3.50
X602	71mm	Gray 3	4.25, 6.25, 8.25	1.00 to 3.50
X601	76mm	Gray 3	6.25, 8.25	1.00 to 3.50

Round 25mm Bifocal

PCAT	Diameter	Color	Base Curves	Add Power
X505	71mm	Clear	Plano, 2.25, 10.25	1.00 to 4.00
X505	71mm	Clear	4.25, 6.25, 8.25	0.75 to 4.00
X504	76mm	Clear	4.25, 6.25, 8.25	1.00 to 3.50
X241	71mm	PGX	Plano, 2.25, 10.25	1.00 to 3.00
X241	71mm	PGX	4.25, 6.25, 8.25	0.50 to 4.50
X405	71mm	PBX	4.25, 6.25, 8.25	1.00 to 3.00
X056	71mm	Thin & Dark	4.25, 6.25, 8.25	1.00 to 3.00
X128	71mm	Rose 2	6.25	0.50 to 4.25
X602	71mm	Gray 3	4.25, 6.25, 8.25	1.00 to 3.50

Glass Trifocals

Flat Top 7X25mm Trifocal

PCAT	Diameter	Color	Base Curves	Add Power
X564	66mm	Clear	4.25, 6.25, 8.25	2.00 to 2.50
X563	71mm	Clear	2.25, 10.25	1.50 to 4.50
X563	71mm	Clear	4.25, 6.25, 8.25	1.25 to 5.00
X700	66mm	PGX	4.25, 6.25, 8.25	2.00 to 2.50
X699	71mm	PGX	Plano, 225, 10.25	1.50 to 4.00
X699	71mm	PGX	4.25, 6.25, 8.25	1.25 to 6.00
X698	76mm	PGX	4.25, 6.25, 8.25	1.50 to 4.00

Flat Top 7X28mm Trifocal

PCAT	Diameter	Color	Base Curves	Add Power
XB03	65mm	Clear	4.25, 6.25, 8.25	2.00 to 3.00
XA94	70mm	Clear	4.25, 6.25, 8.25	1.75 to 3.50
X557	71mm	Clear	Plano, 2.25, 10.25	1.50 to 4.50
X557	71mm	Clear	4.25, 6.25, 8.25	1.25, 1.50, 3.75 to 6.00
X555	71mm	Clear Thick	4.25, 6.25, 8.25	1.75 to 4.00
X556	76mm	Clear	4.25, 6.25, 8.25	1.50 to 5.00
X554	76mm	Clear Thick	4.25, 6.25	2.00 to 3.00
XA97	65mm	PGX	4.25, 6.25, 8.25	2.00 to 3.00
XB02	70mm	PGX	4.25, 6.25, 8.25	0.75 to 3.50
X285	71mm	PGX	Plano, 225, 10.25	1.50 to 5.00
X285	71mm	PGX	4.25, 6.25, 8.25	1.25, 3.75 to 5.00
X284	76mm	PGX	4.25, 6.25, 8.25	1.50 to 4.00
X283	71mm	PGX Thick	4.25, 6.25, 8.25, 10.25	1.50 to 4.00
X282	76mm	PGX Thick	4.25, 6.25, 8.25	1.75 to 4.00
X030	71mm	Thin & Dark	Plano, 2.25	1.50 to 3.50
X030	71mm	Thin & Dark	4.25, 6.25, 8.25	1.25 to 3.50
X431	71mm	PBX	2.25, 10.25	1.50 to 3.50
X431	71mm	PBX	4.25, 6.25, 8.25	1.25 to 4.00
X398	71mm	Autumn Gold	2.25	1.75 to 3.00
X398	71mm	Autumn Gold	4.25, 6.25, 8.25	1.25 to 3.50
X644	71mm	Rose 2	6.25	1.50 to 3.00
X459	71mm	Green 2	6.25, 8.25	1.50 to 3.50
X633	71mm	Green 3	6.25, 8.25	1.50 to 3.50
X337	71mm	Gray 1	2.25, 4.25, 6.25, 8.25	1.50 to 4.00
X316	71mm	Gray 2	2.25, 4.25, 6.25, 8.25	1.50 to 3.50
X628	71mm	Gray 3	2.25, 4.25, 6.25, 8.25	1.50 to 4.00
X627	76mm	Gray 3	6.25, 8.25	1.50 to 3.00
X726	71mm	Polarized Gray 3	4.25, 6.25, 8.25	1.50 to 3.50
X586	71mm	Polarized Brown 3	4.25, 6.25, 8.25	1.50 to 3.50

Glass Trifocals 'Continued'

Flat Top 7X35mm Trifocal

PCAT	Diameter	Color	Base Curves	Add Power
X280	71mm	PGX	4.25, 6.25, 8.25, 10.25	1.50 to 3.00
X279	76mm	PGX	4.25, 6.25, 8.25	1.50 to 3.00
X277	76mm	PGX Thick	4.25, 6.25	2.00 to 3.00

Flat Top 8X35mm Trifocal

PCAT	Diameter	Color	Base Curves	Add Power
X274	71mm	PGX	4.25, 6.25, 8.25	1.50 to 3.00
X273	76mm	PGX	4.25, 6.25, 8.25	1.50 to 3.00

Flat Top 8X28mm Trifocal

PCAT	Diameter	Color	Base Curves	Add Power
X276	71mm	PGX	4.25, 6.25, 8.25	2.00 to 3.00

Flat Top 9X35mm Trifocal

PCAT	Diameter	Color	Base Curves	Add Power
X272	71mm	PGX	4.25, 6.25, 8.25	1.50 to 3.00

Flat Top 10X35mm Trifocal

PCAT	Diameter	Color	Base Curves	Add Power
X713	71mm	PGX	4.25, 6.25, 8.25	1.50 to 3.00
X712	76mm	PGX	4.25, 6.25, 8.25	1.50 to 3.00

Glass Occupationals

Occupational DD-25

PCAT	Diameter	Color	Base Curves	Add Power
X370	71mm	Clear	2.25, 4.25, 6.25, 8.25	0.50 to 4.00
X711	71mm	PGX	2.25, 4.25, 6.25, 8.25	0.50 to 4.00

Occupational DD-28

PCAT	Diameter	Color	Base Curves	Add Power
X367	71mm	Clear	2.25, 4.25, 6.25, 8.25	0.50 to 4.00
X708	71mm	PGX	2.25, 4.25, 6.25, 8.25	0.50 to 4.00
X573	71mm	PBX	4.25, 6.25, 8.25	1.00 to 3.50
X463	71mm	Green 2	6.25, 8.25	1.00 to 3.50
X440	71mm	Green 3	4.25, 6.25, 8.25	1.00 to 3.50
X290	71mm	Gray 3	4.25, 6.25, 8.25	1.00 to 3.50
X366	76mm	Clear	4.25, 6.25, 8.25	1.00 to 3.50
X707	76mm	PGX	4.25, 6.25, 8.25	1.00 to 3.50

Occupational DD-35

PCAT	Diameter	Color	Base Curves	Add Power
X363	71mm	Clear	4.25, 6.25, 8.25	0.50 to 4.00
X704	71mm	PGX	4.25, 6.25, 8.25	0.50 to 4.00

Ribbon Bifocal 9X22

PCAT	Diameter	Color	Base Curves	Add Power
X545	71mm	Clear	4.25, 6.25, 8.25	0.75 to 3.00

Ribbon Bifocal 9X25

PCAT	Diameter	Color	Base Curves	Add Power
X544	71mm	Clear	4.25, 6.25, 8.25	1.00 to 3.00

X-Ray Leaded Filter SFSV

PCAT	Diameter	Color	Base Curves
OBS6	71mm	Clear 1.80	2.25, 4.25, 6.25

X-Ray Leaded Filter D28 Bifocal

PCAT	Diameter	Color	Base Curves	Add Power
OBZ8	71mm	Clear 1.80	4.25, 6.25	1.00 to 3.00

X-Ray Leaded Filter Freedom ID Progressive

PCAT	Diameter	Color	Base Curves	Add Power
OBZ5	71mm	Clear 1.80	4.25, 6.25	1.00 to 3.00