

What lens material works best for your patient's lifestyle?

Lens Material	Features	Patient Benefits
Standard Resin	<ul style="list-style-type: none"> • Great optics 	<ul style="list-style-type: none"> • No frills, time-tested lens material
Polycarbonate (1.59 index)	<ul style="list-style-type: none"> • Thin and light • Impact resistant • UV protection • Durable 	<ul style="list-style-type: none"> • Lightweight comfort and thin lens profile • Eye protection; ideal for kids and sports eyewear • Protects against harmful UV radiation • Accommodates drill-mount frames
1.60 index	<ul style="list-style-type: none"> • Thin and light • UV protection 	<ul style="list-style-type: none"> • Lightweight comfort and thin lens profile • Protects against harmful UV radiation • Accommodates drill-mount frames
1.67 index	<ul style="list-style-type: none"> • Thin and light • UV protection 	<ul style="list-style-type: none"> • Durable • Lightweight comfort and thin lens profile • Protects against harmful UV radiation • Accommodates drill-mount frames • More attractive higher-add lenses
Trivex (1.53 index)	<ul style="list-style-type: none"> • Somewhat thin and extremely lightweight • Impact resistant • UV protection • Ideal for drill mount frames 	<ul style="list-style-type: none"> • Comfortable and durable • Eye protection; ideal for sports • Protects against harmful UV radiation • Accommodates drill-mount frames
Polarized	<ul style="list-style-type: none"> • Always dark • Dramatically reduces glare • Increases clarity and color contrast • Filters out 100% of sun's harmful UV 	<ul style="list-style-type: none"> • More comfortable viewing; colors are more vibrant • Enhances contrast; reduces dangerous blind spots while driving • Protects against harmful radiation
Photochromic	<ul style="list-style-type: none"> • Changes from light to dark with UV rays • Changes back from dark to light indoors • Filters out 100% of sun's harmful UV • Durable photochromic action 	<ul style="list-style-type: none"> • Comfortable viewing indoors and outdoors without switching eyewear • Protects against harmful UV radiation • Photochromic lasts the life of the Rx
Total Blue Lens	<ul style="list-style-type: none"> • Combination of unique lens material with AR coating • Filters out harmful HEV Blue Light • 100% direct UV protection • Color Guard Lens Technology™ 	<ul style="list-style-type: none"> • Protects against harmful indoor lighting and LED screen blue light emissions • Accommodates drill-mount frames • Reduces glare from oncoming LED headlights • Clear and polarized options for everyday eye protection both indoors and outdoors
UVBlue Lens	<ul style="list-style-type: none"> • Clear lens with blue light filtration of 20% between 415-455nm • 100% direct UV protection • Compatible with any AR for added glare protection 	<ul style="list-style-type: none"> • Protects against harmful UV radiation • Clear lens with no color distortion • Comfortable viewing of digital devices • Add AR coating to reduce glare and reflections

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AVAILABILITY CHART Crossbows™ Lenses



		Custom V Progressive 13mm Minimum Fitting Height		Custom U Progressive 13mm Minimum Fitting Height		Basic Progressive 13mm / 17mm Minimum Fitting Heights		Junior Progressive 13mm Minimum Fitting Height		Custom SV	
		MATERIAL	COLOR	RX RANGE*	MAX CUTOUT	RX RANGE*	MAX CUTOUT	RX RANGE*	MAX CUTOUT	RX RANGE*	MAX CUTOUT
CLEAR	1.50			-8.00 to +4.00	76mm	-8.00 to +4.00	76mm	-8.00 to +4.00	76mm	-8.00 to +4.00	76mm
	Polycarbonate			-10.00 to +5.00	76mm	-10.00 to +5.00	76mm	-10.00 to +5.00	76mm	-10.00 to +5.00	76mm
	1.60			-11.00 to +6.00	65/70/75mm	-11.00 to +6.00	65/70/75mm			-11.50 to +7.50	65/70/75mm
	1.67			-12.00 to +10.00	76/80mm	-12.00 to +10.00	76/80mm	-12.00 to +10.00	76/80mm	-12.00 to +10.00	76/80mm
	Trivex®			-10.00 to +4.50	70mm	-10.00 to +4.50	70mm			-10.00 to +6.00	70mm
SUN LENS	Polarized 1.50	Gray/Brown		-8.00 to +4.00	80mm	-8.00 to +4.00	80mm	-8.00 to +4.00	80mm	-8.00 to +4.00	80mm
	Polarized Poly	Gray/Brown		-10.00 to +5.00	75mm	-10.00 to +5.00	75mm	-10.00 to +5.00	75mm	-10.00 to +5.00	75mm
	Polarized 1.60	Gray/Brown		-10.00 to +5.75	75mm	-10.00 to +5.75	75mm			-10.00 to +7.00	75mm
	Polarized 1.67	Gray/Brown		-12.00 to +10.00	75/80mm	-12.00 to +10.0	75/80mm			-12.00 to +10.00	75/80mm
PHOTO CHROMI-	Transitions® 1.50	Gray/Brown		-8.00 to +4.00	73/77mm	-8.00 to +4.00	73/77mm			-8.00 to +6.00	73/77mm
	Transitions Poly	Gray/Brown		-10.00 to +5.00	74/79mm	-10.00 to +5.00	74/79mm			-10.00 to +6.50	74/79mm
	Transitions Trivex	Gray/Brown		-10.00 to +4.50	78mm	-10.00 to +4.50	78mm			-10.00 to +6.00	78mm
	Transitions 1.60	Gray/Brown		-10.00 to +6.00	76/80mm	-10.00 to +6.00	76/80mm			-10.00 to +7.50	76/80mm
	Transitions 1.67	Gray/Brown		-11.00 to +6.00	80/81mm	-11.00 to +6.00	80/81mm			-11.00 to +7.50	80/81mm
BLUE-LIGHT PRODUCTS	Total Blue™ 1.56			-12.00 to +6.00	80mm	-12.00 to +6.00	80mm	-12.00 to +6.00	80mm		
	Total Blue 1.67			-12.00 to +10.00	76/80mm	-12.00 to +10.00	76/80mm	-12.00 to +10.00	76/80mm		
	Total Blue Polarized 1.50			-8.00 to +4.00	80mm	-8.00 to +4.00	80mm	-8.00 to +4.00	80mm		
	Total Blue Polarized Poly			-10.00 to +5.00	75mm	-10.00 to +5.00	75mm	-10.00 to +5.00	75mm		
	Total Blue Polarized 1.67			-12.00 to +10.00	75/80mm	-12.00 to +10.00	75/80mm	-12.00 to +10.00	75/80mm		
	UVBlue™*** 1.50			-8.00 to +4.00	72/76/80mm	-8.00 to +4.00	72/76/80mm	-8.00 to +4.00	72/76/80mm	-8.00 to +6.00	72/76/80mm
	UVBlue Poly			-10.00 to +5.00	76mm	-10.00 to +5.00	76mm	-10.00 to +5.00	76mm	-10.00 to +6.50	76mm
	UVBlue 1.67			-12.00 to +6.00	80/81mm	-12.00 to +6.00	80/81mm	-12.00 to +6.00	80/81mm	-11.00 to +7.00	80/81mm

* Add powers: +0.75 TO +3.50 except for Junior Progressive = +0.50 to +2.50. Sphere powers listed available with maximum minus cylinder power of -6.00. Accepts prism.

** Total Blue Lenses are a premium hybrid solution that includes AR and filters HEV blue light up to 80% between 380-440nm indoors and outdoors. The polarized version filters 98% and ideal for snow/water activities or environments with extreme glare.

*** UVBlue Lenses are a clear blue light lens solution with filtration at 20% between 415-455nm and compatible with any AR.

GREAT PERFORMANCE AT A GREAT VALUE

CUSTOM V

Customized design that incorporates back vertex distance, panto and frame wrap angle for a personalized fit.

This variable corridor lens design was created using Crossbows Optical's Smooth Optics Technology for unparalleled smoothness and wide fields of view.

CUSTOM U

Variable corridor length based on patient's fitting details and frame choice.

Provides comfortable viewing, fast adaptation and sharp viewing overall.

BASIC PROGRESSIVE

All-purpose standard progressive in two corridor lengths.

Delivers good reading, intermediate and distance viewing fields.



JUNIOR

A mild progressive design created to help slow down the progression of early onset myopia in children ages 8-16 years.

Provides a large stable reading area and excellent peripheral clarity in the distance zone.

CUSTOM SV

Advanced single vision design with reduced peripheral distortion and clear viewing to the lens edge.

Customize with frame wrap angle, panto tilt and back vertex distance for sports and fashion wrap frames.

ANTI-REFLECTIVE OPTIONS

- KODAK ClearAR™, Clean&ClearAR* and Clean&ClearAR UV* Lens Coatings
- Crizal® Easy™ UV, Alize™ UV and Avance™ UV No-Glare
- BluCrystal™

*Optional: Silk top coat for superior cleanability and increased durability