

Easier adaptation for presbyopes with low Adds

Instant focus for every distance with smooth transition between vision zones

Every lens design is unique to the wearer's Visual Age™

<b>Freeform® PAL Technologies</b>        	Product Classification: <b>EVERYDAY &gt; Progressive</b>	<b>Marking:</b>  see chart below
	<b>Minimum Fitting Heights:</b> 11mm, 13mm, 15mm, 18mm & Variable	

**Autograph Intelligence™** is Shamir's flagship design, delivering the most advanced technologies engineered from the learnings of Big Data Research and Artificial Intelligence. It's the first progressive lens of its kind optimally tailored to individual eyeglass wearers' needs and visual age (the physiological age of one's eyes).

## The Research - The GAP with Today's Progressive Lens

Our research findings revealed a clear correlation between each visual need and the **Visual Age™** of the patient, meaning that each **Visual Age™** has different visual preferences and needs.

## The Problem - One Size Does Not Fit All

Today's progressive lenses provide patients with a "personalized" lens based mostly on the measurements of their selected frame, or "customized" based on lifestyle information from questionnaires.

This "one design" concept provides everyone with the same solution.

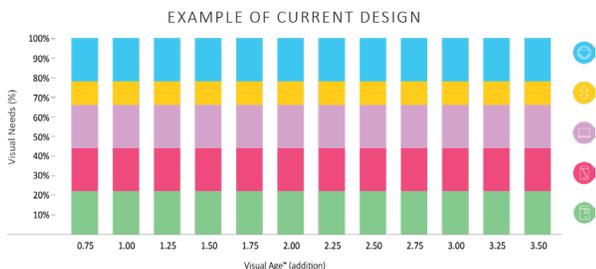
## The Solution - Closing the GAP with Autograph Intelligence™

**Autograph Intelligence™** is our most innovative and intelligent design to date, utilizing 12 unique design concepts to fit the visual needs required for each **Visual Age™**.

Shamir **Autograph Intelligence™** closes the gap between visual needs that presbyopes of all ages want and require.

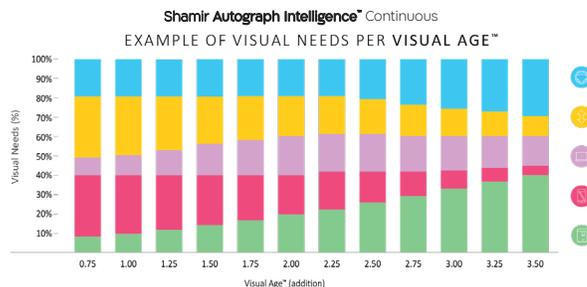
This revolutionary progressive design concept has been tailored based on our in-depth research and is relevant to the visual needs of young, mid, and advanced presbyopes.

Progressive designs have been developed with the same design concept across all Add powers.



**Autograph Intelligence™** overcomes these limitations of traditional progressive lenses with the most precisely personalized lens designs. We examined the visual behavior and preferences of presbyopes of all ages between 40 and 80, by taking into account their **Visual Age™**.

**Visual Age™** refers to the physiological age of the eye (the required addition) and is generally correlated with the patient's chronological age.



## Technologies

We started with our proven technologies:



### Intellicorridor™

**Unique Power Profile For Clearer Vision**

Makes it possible to customize lenses specifically to the patient's vision requirements. Optimizes the power in specific areas used for everyday and outdoor tasks, reducing the need to move head up and down.



### As-Worn Quadro™

**Perfect Vision For Any Frame Choice**

Compensates the Rx and design by personalizing the patient's lenses to the exact frame they are wearing. Provides clearer vision and maximizes all viewing zones.



### Natural Posture™

**Ergonomic Design Concept**

Shifts the image back to an ergonomically correct viewing angle, allowing the patient to hold their head in a more comfortable, natural position when reading.



### Close-Up™

**The Near PD Solution**

Gives you the ability to customize the inset from 0 to 5mm, resulting in a more accurate, personalized lens and a more comfortable viewing experience.

... and added some new ones:



### EyePoint Technology AI™

**The Design Inside**

EyePoint Technology® simulates the human eye in every angle, prescription, and field of vision. These techniques enable Shamir to create the most sophisticated progressive lens surfaces based upon thousands of points of data. It's this "design inside" that makes Shamir progressive lenses the most advanced in the world.



### Visual AI Engine™

**Ensures Extreme Accuracy For Each New Lens Design**

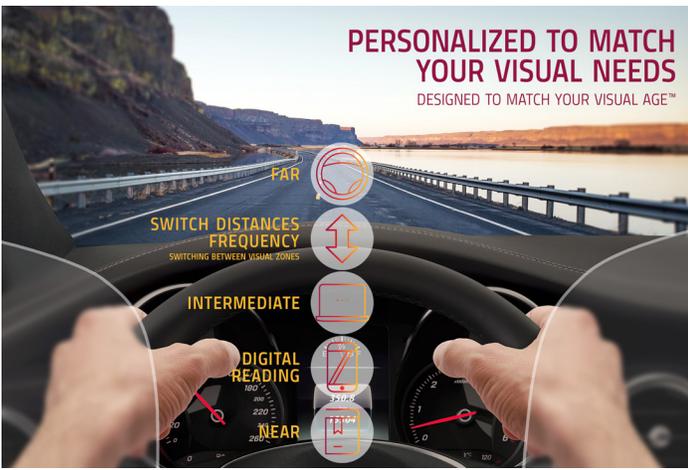
By applying elements of Artificial Intelligence that mimic human intelligence, Shamir's Visual AI Engine™ makes each lens specific to how each individual will use it. Automated and significantly accelerated development and personalization technology enabling continuous, first-to-market provision of lenses most precisely tailored to the needs of numerous predefined visual age ranges.



### Continuous Design Technology™

**Perfect Vision For Any Frame Choice**

This technology integrates research findings with patient habits and visual needs to provide a smooth, seamless lens design concept for every Visual Age™. Shamir can now offer a unique lens design concept for every Visual Age™ in all vision zones, and for all distances that also ensures an easy transition to eyeglass wearers' next lenses in line as they age.



## Who It's For

Young, mid, and advanced presbyopes requiring smooth visual clarity among a variety of activities and visual zones.

## Features & Benefits

- Industry's First Progressive Design, utilizing 12 unique design concepts to create ONE innovative intelligent lens design
- Closes the gap between the visual preferences of presbyopes of any age
- Smooth transition between visual zones
- Easy adaptation for presbyopes with low add powers
- Each visual zone is optimized to the visual age of the patient (Distance, Computer, Digital, Reading)

**As-Worn Technology™**

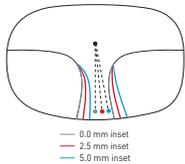
To get the maximum benefit from As-Worn Quadro™, the actual measurements of the wearer should be included. (Vertex Distance - Fitted and Refracted, Pantoscopic Tilt, Panoramic Angle). **The patient will benefit greatly from using their personal measurements, experiencing more precise and comfortable vision.**

If the As-Worn™ measurements are not included with the **Autograph Intelligence®** order, the Shamir Prescriptor® will use defaults. These defaults are based on averages.

<b>Default Measurements:</b>		<b>"As-Worn" measurements:</b>	
Vertex Distance:	13 mm	Vertex Distance:	5 mm to 30 mm
Pantoscopic Tilt:	4°	Pantoscopic Tilt:	-10 to 12°
Panoramic Angle:	5°	Panoramic Angle:	0 to 12°

**Close-Up™**

Shamir's **Close-Up™** technology adjusts the reading zone inset of every lens to the individual patient's convergence during near viewing. **Adjustments are made in 0.1 mm steps within a range of 0 - 5 mm.** In other words, the lens is custom-adjusted to the individual's near PD, relative to their far PD.



**Fitting with Close-Up™:**  
Simply add the Mono near PD measurement to the order parameters. You can easily use a common pupilometer to measure with regard to the patient's near and far reading distances. Based on these parameters, the inset will be calculated to adjust the near zone. If **Close-Up™** is not chosen, inset will be default per design.

**How to Fit & Order Shamir Autograph Intelligence™**

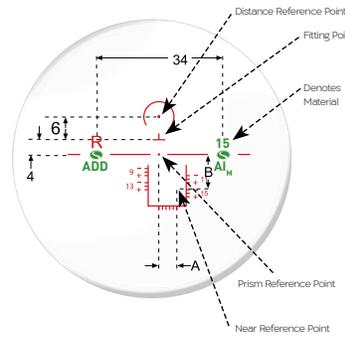
**Provide the following information:**

- Patient Rx
- Fitting Height
- Monocular Distance PD
- Monocular Near PD
- Panoramic Angle
- Pantoscopic Tilt
- Fitted Vertex Distance
- Frame Measurements A/B/DBL&E

If the As-Worn™ measurements are not included with the order the Shamir Prescriptor Software® will use defaults. Please see the measurements section for more details.

\*It is strongly recommended that you provide all of the above mentioned measurements.

Technical Information



Fitting Height	A* (see diagram)	B (see diagram)	M Invisible Marking (see diagram)
11mm	2	5	Al <sub>11</sub>
13mm	2	8	Al <sub>13</sub>
15mm	2.2	9	Al <sub>15</sub>
18mm	2.5	11	Al <sub>18</sub>
Variable	According to reading zone position		Al

\*Inset affected by design and Near PD. Value listed is if no Near PD provided

**Availability:**

Material	Prescription Range [D]	Addition	Cylinder
1.50 Hard Resin (C,T,V,T,P,TX,D,S)	-12.25 to +6.50	0.75 to 3.50	to -6.0 [D]
1.53 Trivex™ (C,T,V,T,P,TX,N,BZ,S)	-13.25 to +7.00	0.75 to 3.50	to -6.5 [D]
1.56 (B)	-14.00 to +7.50	0.75 to 3.50	to -6.75 [D]
1.59 Polycarbonate (C,T,V,T,B,P,TX,D,BZ,S)	-14.75 to +8.75	0.75 to 3.50	to -7.0 [D]
1.60 (C,T,P,TX)	-14.75 to +8.75	0.75 to 3.50	to -7.0 [D]
1.67 (C,T,P,TX,BZ,S)	-16.75 to +10.00	0.75 to 3.50	to -8.0 [D]
1.74 (C,T)	-18.75 to +10.75	0.75 to 3.50	to -9.0 [D]

**LEGEND:**

- C - Clear
- TV - Transitions® Vantage™
- T - Transitions®
- P - Polarized
- TX - Transitions® XTRActive™
- B - BLUTech (Indoor & Outdoor)
- D - Drivewear®
- N - NXT™
- BZ - Blue Zero™
- S - SunSync®

POWER RANGE IS DETERMINED BY SHAMIR CERTIFIED BLANK RANGE PRISM TO 10 DIOPTERS IN EACH QUADRANT

**⚠ WARNING:** Polycarbonate lenses can expose you to chemicals including Bisphenol A (BPA) and 1.74 index lenses can expose you to Methimazole, which are known to the State of California to cause birth defects or other reproductive harm. For more information go to: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).





<b>Freeform® PAL Technologies</b>  <b>AWG</b> As-Worn Quadro™  <b>EPT3</b> EyePoint Technology III™  <b>IntelliCorridor™</b>  <b>Natural Posture™</b>	Product Classification: <b>EVERYDAY &gt; Progressive</b>	Marking: <b>A3</b>
	Minimum Fitting Heights: 11mm, 13mm, 15mm, 18mm & Variable	

## The Lens Design

### A premium progressive lens offering optimal personalized visual experience across all zones

**Autograph III®** was developed on the basis of precise measurement of individual prescriptions and simulation of perceived, real-world viewing fields to deliver clear vision, with seamless gradation across all vision zones.

**Autograph III®** delivers wide, distortion-free viewing fields, completely standardized for both hyperopic (farsighted) and myopic (nearsighted) eyeglass wearers. It implements precise power profile control, with specific power emphasis at different points and vision zones across the entire lens surface, and enables optimal adaptation to prescriptions and choices of frame.

**Autograph III®** additionally accommodates the most natural and ergonomic viewing postures, helping to reduce the need to tilt one's head forward or back, or lower or raise objects to achieve convenient viewing. It even addresses the near and intermediate vision zone requirements of modern lifestyle activities, such as the use of digital devices.

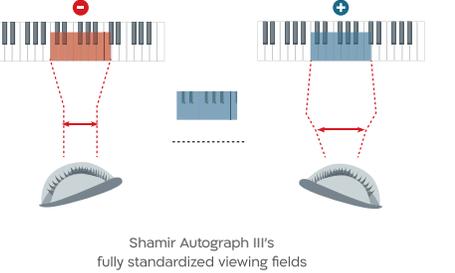
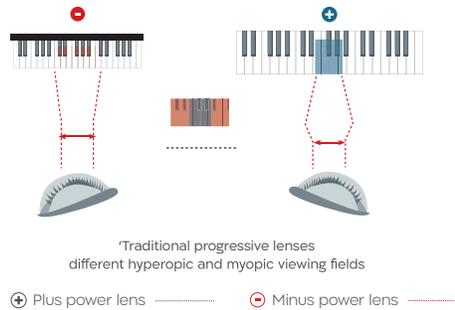
## Who It's For

Eyeglass wearers experiencing difficulty reading small print, focusing on nearby objects, or suffering from eyestrain and headaches, and demanding premium lenses that optimally accommodate any individual prescription.

## Advanced Technologies

 **As-Worn Quadro™**  
Perfect Vision For Any Frame Choice

**As-Worn Technology™** ensures that the patient's experience of the prescription, once the lens is fit into the frame, is exactly the same as when originally refracted by the Doctor, giving the patient the same viewing comfort and visual acuity. Multiplying the design dimensions by four, **As-Worn Quadro™** improves on this technology, allowing Shamir **Autograph® III** to provide four times greater design stability to frame tilt variations in any chosen frame.





**Eyepoint Technology III®**  
The Real World Vision Experience

Seeking to overcome the problem of different prescription-related viewing experiences through the same zone of the lens, and questioning what the patient truly sees, Shamir has applied reverse engineering to its technology. Starting by defining the size of the object we want patients to see, Shamir's **EyePoint Technology III®** is now able to simulate real world images and support the design of lenses that provide an improved viewing experience for all patients regardless of lens power and frame choice.



**IntelliCorridor™**  
Unique Power Profile For Clearer Vision

This technology allows Shamir's designers to control the power profile of the lens, giving variable emphasis to the power for every given point on the lens. Shamir **Autograph® III** is therefore optimally suited to meet the visual needs of today's modern lifestyles that include frequent use of digital devices and computers, without compromising on optimal viewing comfort for every visual range and activity.



**Natural Posture™**  
Ergonomic Design Concept

The near viewing zone in Shamir **Autograph® III** is dynamically located within the lens corridor, taking into account the plus or minus power of the prescription. This reduces the need to tilt the head forwards or backwards or alternatively to lower or raise a book when reading to find the right viewing distance and angle. Any discomfort within their posture is thereby minimized and patients are ensured a comfortably natural posture during near viewing.

**Comfortable Natural Posture for Near Viewing**

Dynamic positioning of full reading allows the object to be seen at a more comfortable, natural position for the patient.

- Minus Power Lens    -----    + Plus Power Lens    -----

## Measurement Information

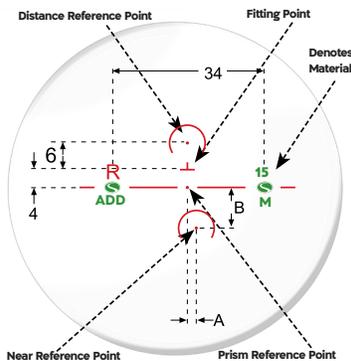
### As-Worn Technology™

To get the maximum benefit from **As-Worn Quadro™**, the actual measurements of the wearer should be included. (Vertex Distance - Fitted and Refracted, Pantoscopic Tilt, Panoramic Angle). **The patient will benefit greatly from using their personal measurements, experiencing more precise and comfortable vision.**

If the **As-Worn™** measurements are not included with the **Autograph III®** order, the Shamir **Prescriptor®** will use defaults. These defaults are based on averages.

<b>Default Measurements:</b>	<b>"As-Worn" measurements:</b>
Vertex Distance: <b>13 mm</b>	Vertex Distance: <b>5 mm to 30 mm</b>
Pantoscopic Tilt: <b>4°</b>	Pantoscopic Tilt: <b>10° to 12°</b>
Panoramic Angle: <b>5°</b>	Panoramic Angle: <b>0° to 12°</b>

## Technical Information



Fitting Height	A* (see diagram)	B (see diagram)	M Invisible Marking (see diagram)
11mm	2	5	A <sub>3</sub> <sup>11</sup>
13mm	2	7	A <sub>3</sub> <sup>13</sup>
15mm	2.2	9	A <sub>3</sub> <sup>15</sup>
18mm	2.5	11	A <sub>3</sub> <sup>18</sup>
Variable	According to reading zone position		A <sub>3</sub>

\* Inset affected by design and Near PD. Value listed is if no Near PD provided

### Availability:

Material	Prescription Range [D]	Addition	Cylinder
1.50 Hard Resin (C,T,V,T,P,TX,D,I)	-12.25 to +6.00	0.75 to 4.00	to -6.0 [D]
DLC™ Trivex® (C,T,V,T,P,TX,BZ,N)	-13.25 to +7.00	0.75 to 4.00	to -6.5 [D]
1.56 (B)	-14.00 to +6.50	0.75 to 4.00	to -6.75 [D]
1.6 SuperLite™ (C,T,P,TX)	-15.00 to +8.00	0.75 to 4.00	to -7.0 [D]
1.67 SuperLite™ (C,T,P,TX,BZ)	-16.75 to +9.00	0.75 to 4.00	to -8.0 [D]
Polycarbonate (C,T,V,T,P,TX,D,V,BZ)	-14.75 to +8.00	0.75 to 4.00	to -7.0 [D]
1.74 SuperLite™ (C,T,T7)	-18.75 to +12.00	0.75 to 4.00	to -9.0 [D]

### LEGEND:

- C - Clear
- TV - Transitions® Vantage™
- T7 - Transitions®
- P - Polarized
- TX - Transitions® XTRActive™
- B - BluTech (Indoor & Outdoor)
- D - Drivewear®
- N - NXT™
- BZ - Blue Zero™
- S - SunSync®
- PH - Photochromic

POWER RANGE IS DETERMINED BY SHAMIR CERTIFIED BLANK RANGE PRISM TO 10 DIOPTERS IN EACH QUADRANT

**⚠ WARNING:** Polycarbonate lenses can expose you to chemicals including Bisphenol A (BPA) and 1,74 index lenses can expose you to Methimazole, which are known to the State of California to cause birth defects or other reproductive harm. For more information go to: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## Features & Benefits

- Near vision enhancement, with instant focus across all zones
- Seamless transition among vision zones
- Optimal visual experience with any frame of choice
- Maximum postural comfort via significant reduction in undesirable head movements
- Digital (handheld device and computer) viewing zone support

## How To Fit & Order Shamir Autograph® III

### Provide the following information:

- Patient Rx
- Fitting Height
- Monocular Distance PD
- Panoramic Angle
- Pantoscopic Tilt
- Fitted Vertex Distance
- Frame Measurements A/B/DBL&ED

If the **As-Worn™** measurements are not included with the order the Shamir **Prescriptor Software®** will use defaults. Please see the measurements section for more details.

\*It is strongly recommended that you provide all of the above mentioned measurements.





## The Lens Design

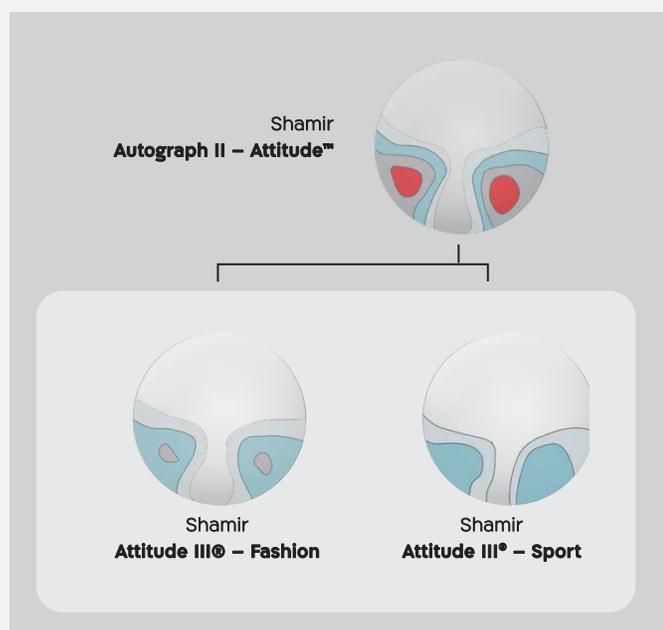
At Shamir, we understand that being active and playing sports requires different Rx sun lenses than lounging at the beach with friends.

We also understand that different people want different frames to express their attitude and personal style.

That's why we've developed two unique progressive lenses - one for **fashion** and one for **sports**.

The design of these two new lenses addresses the visual needs of fashion and sport prescription sunwear in a wide range of frames - large or small, flat or wraparound. So when it comes to sunwear, we have your patients covered, they just need to **choose their Attitude**.

## Evolution Of Shamir Autograph II - Attitude™



## The Perfect Attitude For Single Vision Wearers

Shamir **Attitude III®** covers more than just progressive wearers. We've also incorporated our new technologies into a single vision solution to allow your single vision patients the opportunity to enjoy the same premium prescription vision in both flat and wraparound sun frames.

## The Technologies

Shamir **Attitude III®** incorporates our most advanced technologies with unique benefits for Single Vision and Sport and Fashion Progressive lenses.



### Intell corridor™ Unique Power Profile For Clearer Vision

This technology allows our designers to control the power profile of each lens, giving variable emphasis at every point on the lens. Based on this optimal power profile, the lens design can better address the specific needs of sports and fashion, without compromising on overall viewing comfort.



### Natural Posture™ Ergonomic Design Concept

Dynamically positioning the near viewing zone within the lens corridor, while taking into account the plus or minus power of the prescription. This reduces the need to tilt the head or move near objects to find the right viewing distance and angle, minimizing discomfort and allowing for a natural and comfortable near viewing posture.



### As-Worn Quadro™ Perfect Vision For Any Frame

This technological advancement is based on our proven **As-Worn Technology™**, which provides prescription compensation by taking into consideration the unique parameters of the chosen frame. The new **Quadro™** technology provides additional design compensation with four times greater design stability for any frame tilt variations. The unique combination of prescription and design compensation ensures complete viewing comfort for any frame shape and when switching from one pair to another.



### EyePoint Technology III® The Real World Vision Experience

By addressing the entire prescription-related viewing experience, our innovative **EyePoint Technology III®** is able to simulate real world images by reverse engineering the lens design. This enables the lenses to provide an improved viewing experience for all patients, regardless of their prescription or choice of frame, and makes the field of vision of myopic and hyperopic patients both similar and improved.

<b>Freeform® PAL</b>    	Product Classification: <b>PLAY &gt; Progressive</b>	Marking: 
	Minimum Fitting Heights: <b>FASHION- 15mm &amp; 18mm</b>	

## Shamir Attitude® III - Fashion

### A progressive sunglass lens for any fashion frame

A progressive sunglass lens precisely tailored to the individual prescriptions and dynamic vision zones of customers engaged in a modern lifestyle, and ensuring clear, undistorted visual experience outdoors, in sunglass frames of any size and curvature.

Shamir **Attitude® III - Fashion** delivers clear and distortion-free, prescription-personalized visual experience, specifically in far vision zones, with an expanded peripheral viewing field across even the largest of curved frames. The lens additionally covers the intermediate vision zones required in modern lifestyles involving frequent use of digital devices, and helps reduce the need to tilt one's head forward or back, or lower or raise nearby objects to achieve convenient viewing.

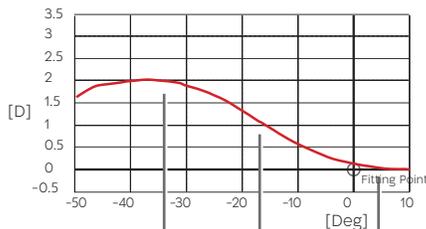
### Who It's For

Sunglass wearers wishing to enjoy the widest and most distortion-free vision outdoors, with any size or shape frame.



### Shamir Attitude III® – Fashion

Vertical Cross-Section Along the Convergence Path



### Features & Benefits

- Suited for any frame size and shape
- Greater optical design stability for any frame
- Expanded peripheral vision specifically for large frames
- Instant focus and clear vision in intermediate, far and peripheral vision zones, with dedicated support for near zone use of handheld digital devices
- Seamless transition among vision zones

### Vision Zones Precisely Suited To Modern Outdoor Lifestyles

**Far Vision:** Wide and distortion-free far vision zone for every prescription.

**Intermediate Vision:** Power profile specially designed for today's modern lifestyles and the frequent use of digital devices.

**Near Vision:** Designed to minimize head tilts and the annoyance of lowering or raising a book for comfortable reading positions.

**Peripheral Vision:** Expanded peripheral vision, specifically designed for large frames.

<b>Freeform® PAL</b> <b>Technologies</b>  IntelliCorridor™  Natural Posture™  AWQ™ As -Worm Quadro™  EPT3™ EyePoint Technology III®	Product Classification: <b>PLAY &gt; Progressive</b>	<b>Marking:</b> 
	<b>Minimum Fitting Heights:</b> <b>SPORT- 18mm</b>	

## Shamir Attitude® III - Sport

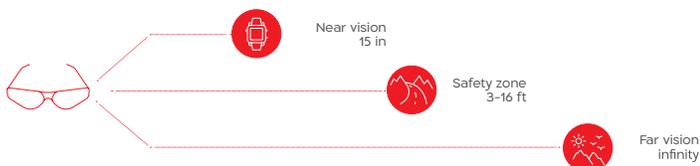
### A Progressive sunglass lens for sports and active lifestyles

With the aim of ensuring your patients see where they're running, what they're hitting and how far they must jump to reach their goals, we have designed a high-quality progressive lens suited to every sport and active lifestyles.

A progressive performance sunglass lens prescription-tailored to deliver clear undistorted vision, specifically in the zones characteristically focused on by people engaged in sports and in active lifestyles. Shamir **Attitude III® - Sport** delivers distortion-free visual experience, specifically in vision zones crucial to sports and active lifestyles, while maintaining full clarity and stability even when performing sharp, rapid motions. It features an outstanding soft design, and incorporates moderate power increases to ensure clear and stable vision in crucial zones, both above and below the 180 degree line. The lens ultimately enables clear vision anywhere – from the near zone used to view fitness bands and smartwatches, through the 3-to-16 feet "safety zone" athletes focus on to plan their next moves, and all the way to the expanded peripheral zones of curved sunglass frames.

### Who It's For

Sunglass wearers wishing to enjoy the widest and most distortion-free vision outdoors, with any size or shape frame.



### Features & Benefits

- A perfect fit for any frame
- Outstanding overall soft design
- Suited for any frame size and shape
- Greater optical design stability for any frame
- Enhanced width and depth of vision in the safety zone for better view of the immediate area in front of the athlete during sports activities

### Visual Zones Suited For Active Lifestyles

**Far Vision:** Wide and distortion-free far vision zone, with a moderate increase of power below the fitting point providing clear and stable vision above and below the horizon. Perfect for dynamic sports in which rapid and sharp movements would otherwise cause distorted vision and affect performance.

**Intermediate Vision:** Corridor designed to ensure optimal vision of the Safety Zone.

#### What is the Safety Zone?

The 3-16ft area in front of the athlete, critical for sports, which must be monitored continually in order to plan the next move and identify obstacles along the way. The Shamir **Attitude III® - Sport** lens maintains the precise optical power required for a comfortable and natural view of this crucial area.

**Near Vision:** Dynamic location of near vision zone for a clear and comfortable view of the watch, GPS and other sports gadgets.

**Peripheral Vision:** Expanded peripheral vision, specifically designed for large frames.

<b>Technologies</b>   	Product Classification: PLAY > SV	Marking: <b>AT<sub>3</sub></b>

## Shamir Attitude® III – SV

### Single Vision sun lenses designed specifically for sport and fashion frames

Style, appearance and performance is key when it comes to sunwear. With Shamir **Attitude III® – SV**, single vision wearers can enjoy the best optical performance and widest clear vision with the inclusion of EyePoint Technology III®. Perfect for an active or leisurely lifestyle, Shamir **Attitude III® – SV** covers the extremes for single vision patients.

#### Design Benefits:

- The first choice for everyday prescription sunwear
- The next generation of the successful Shamir **Attitude®** improved in every way
- Designed with EyePoint Technology III®

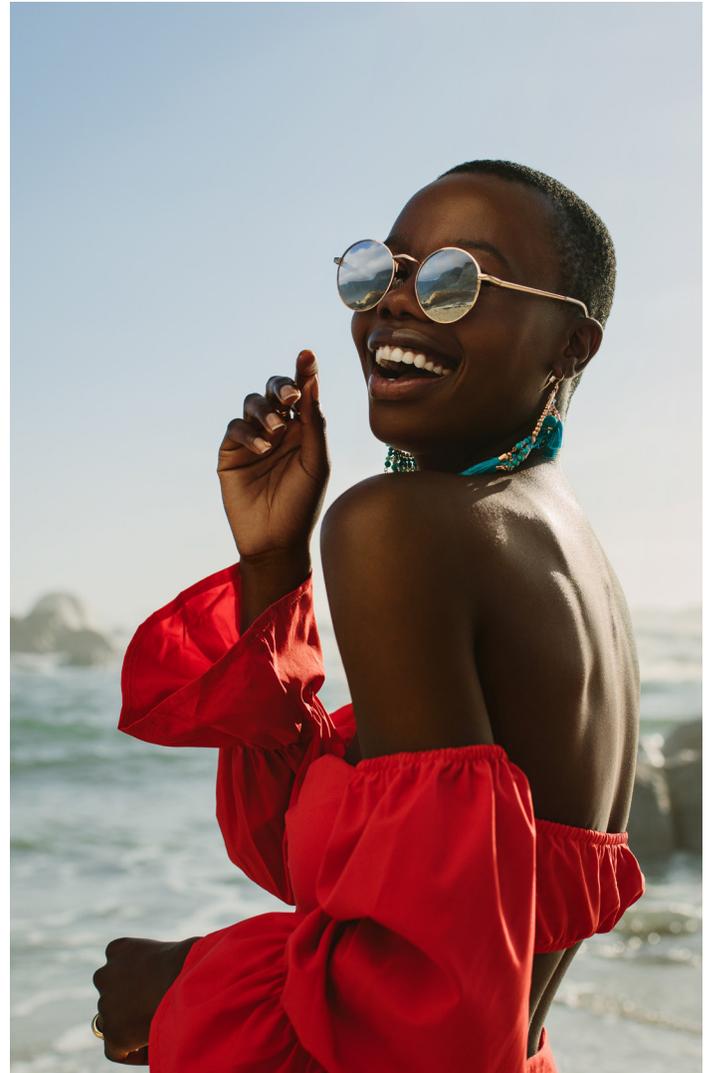
## Vision precisely suited to any outdoor need

### Single Vision sun lenses designed specifically for sport and fashion frames

Sunwear frames represent your patients and their lifestyles. Their single vision prescription shouldn't restrict them, and today, it doesn't. Based on the successful Shamir **Autograph II – Attitude Single Vision™**, designed for wraparound frames only, we've designed a new Single Vision lens with an expanded base curve range to support an endless variety of fashion and sports frames to suit any lifestyle. Shamir **Attitude III® – SV** ensures extreme viewing comfort for any frame, flat or wraparound, and for any lifestyle or activity, be it extreme sports or an outdoor coffee with friends. This unique new lens is completely adaptable to each patient – so you can help more patients express who they are!

## Features & Benefits

- Sunglass for active Single Vision users
- Perfect for any style of sunglass and any outdoor activity
- Enjoy the widest visual clarity



## Who It's For

Active Single Vision Users

## Availability: Fashion • Sport

Material	Power Range		Add Power	Cylinder
	FASHION	SPORT		
1.5 Hard Resin (C,T,V,T,P,TX,D)	-6.50 to +5.25	-6.50 to +5.25	0.75 to 3.50	to -6.00
DLC™ Trivex™ (C,T,V,T,P,TX,BZ)	-6.50 to +6.00	-6.50 to +6.00	0.75 to 3.50	to -6.50
1.56 (B)	-6.50 to +6.00	-6.50 to +6.00	0.75 to 3.50	to -6.75
NXT™ (PH)	-6.00 to +5.50	-6.00 to +5.50	0.75 to 3.50	to -6.50
1.6 SuperLite™ (C,T,P,TX)	-6.50 to +6.00	-6.50 to +6.00	0.75 to 3.50	to -7.00
1.67 SuperLite™ (C,T,P,TX,BZ)	-6.50 to +6.00	-6.50 to +6.00	0.75 to 3.50	to -8.00
Polycarbonate (C,T,V,T,P,TX,D,BZ)	-6.50 to +6.00	-6.50 to +6.00	0.75 to 3.50	to -7.00

Power Range is determined by Shamir Certified Blank Range

### LEGEND:

- C-Clear
- PH-Photochromic
- D-Drivewear
- TV-Transitions® Vantage™
- B-BluTech (Indoor & Outdoor)
- T-Transitions®
- TX-XTRActive™
- P-Polarized
- BZ-Blue Zero™

⚠ WARNING: Polycarbonate lenses can expose you to chemicals including Bisphenol A (BPA) and 1.74 index lenses can expose you to Methimazole, which are known to the State of California to cause birth defects or other reproductive harm. For more information go to: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## Availability: SV

Material	Power Range	Cylinder
1.5 Hard Resin (C,T,V,T,P,TX,D)	-6.50 to +6.00	to -6.00
DLC™ Trivex™ (C,T,V,T,P,TX,BZ)	-6.50 to +6.00	to -6.50
1.56 (B)	-6.50 to +6.00	to -6.75
NXT™ (PH)	-6.00 to +6.00	to -6.50
1.6 SuperLite™ (C,T,P,TX)	-6.50 to +6.00	to -7.00
1.67 SuperLite™ (C,T,P,TX,BZ)	-6.50 to +6.00	to -8.00
Polycarbonate (C,T,V,T,P,TX,D,BZ)	-6.50 to +6.00	to -7.00

Power Range is determined by Shamir Certified Blank Range

### LEGEND:

- C-Clear
- B-BluTech (Indoor & Outdoor)
- T-Transitions®
- TV-Transitions® Vantage™
- BZ-Blue Zero™
- TX-XTRActive™
- P-Polarized
- PH-Photochromic
- D-Drivewear

⚠ WARNING: Polycarbonate lenses can expose you to chemicals including Bisphenol A (BPA) and 1.74 index lenses can expose you to Methimazole, which are known to the State of California to cause birth defects or other reproductive harm. For more information go to: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## How to Fit & Order Shamir Attitude III® - Fashion • Sport • SV

Select the lens type per patient's sunwear lens requirements: **Sport, Fashion or SV**

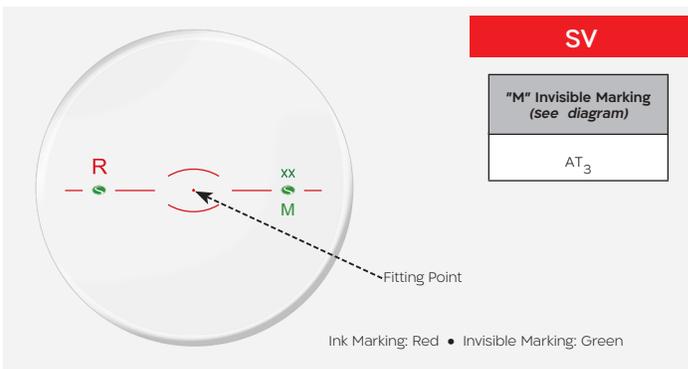
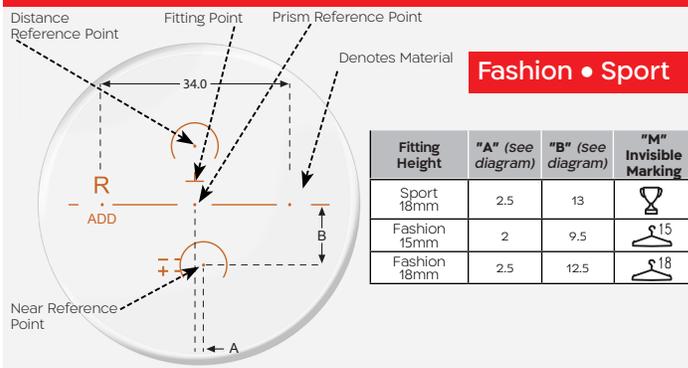
- Patient Rx
- Fitting Height
- Monocular Distance PD
- Panoramic Angle
- Pantoscopic Tilt
- Fitted Vertex Distance
- Base Curve of Demo Lens
- Frame Measurements A/B/DBL&ED

If the **As-Worn™** measurements are not included with the order the Shamir **Prescriptor Software®** will use defaults. Please see the measurements section for more details.

\*It is strongly recommended that you provide all of the above mentioned measurements.

# Attitude® III - Fashion • Sport • SV

## TECHNICAL INFORMATION



## As-Worn Quadro™ Measurements

To get the maximum benefit from As-Worn Quadro™, the actual measurements of the wearer should be included. (Vertex Distance - Fitted and Refracted, Pantoscopic Tilt, Panoramic Angle). **The patient will benefit greatly from using their personal measurements, experiencing more precise and comfortable vision.**

If the As-Worn™ measurements are not included with the **Autograph III®** order, the Shamir **Prescriptor®** will use defaults. These defaults are based on averages.

### Default Measurements:

Shamir **Attitude III® - Fashion**  
 Vertex Distance: 13mm  
 Pantoscopic Tilt: 7°  
 Panoramic Angle: 7°

Shamir **Attitude III® - Sport & SV**  
 Vertex Distance: 13mm  
 Pantoscopic Tilt: 7°  
 Panoramic Angle: 15°

### The ranges for the "as-worn" measurements are as follows:

Vertex Distance: 5mm to 30mm  
 Pantoscopic Tilt: -10° to 20°  
 Panoramic Angle: 0 to 30°

## Extended Range

### Base Curves & Panoramic Angles

The Shamir **Attitude III®** line - progressive **Sport & Fashion** and **SV** lenses - support a wider range of panoramic angles and base curves, to optimally suit any frame, flat or wraparound, while maintaining all of the design advantages.

This extended range, allows for more frames to be fitted with precisely compatible lenses, very similar to the frame's demo lenses, ensuring a perfect fit and great looking sunwear.



SHAMIRLENS.COM 877.514.8330

TECHNICAL INQUIRIES 888.370.0736



# Autograph II Single Vision™

Personalized Benefits In A Single Vision Lens



  	Product Classification: <b>EVERYDAY &gt; Single Vision</b>	Marking: <b>SV&gt;&gt;</b>
	Minimum Fitting Height: <b>NONE &gt; Fitting height still required</b>	

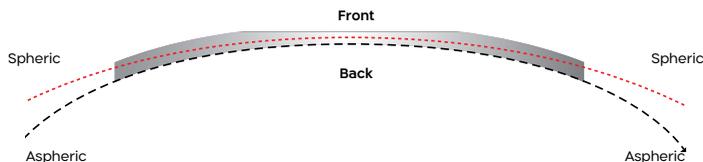
## The Lens Design

With the same design produced consistently in ALL materials, your single vision patients can have multiple pairs of Shamir **Autograph II – Single Vision™** in various materials and switch from pair to pair without adjustment time. Not only does Shamir **Autograph II – Single Vision™** provide your patients with consistency, but it also allows flexibility with so 15 materials.

## It's Personal For Single Vision Patients

Shamir **Autograph II – Single Vision™** provides your single vision patients the personal fit they need to experience crisp, clear, uncomplicated vision. That's because Shamir **Autograph II – Single Vision™** utilizes **As-Worn Technology™**, so the design is created to accommodate the way your patient wears their frame of choice (i.e. low on the bridge, high on the bridge, etc).

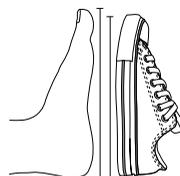
### The Backside Explains It All.



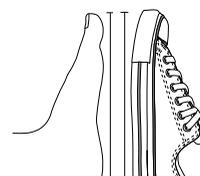
While personalization is the true benefit to Shamir **Autograph II – Single Vision™**, another advantage of this lens is its aspheric/atoric backside. Aspheric/atoric lenses can be lighter, due to decreased center thickness, and for those high plus patients, an aspheric/atoric lens means better clarity because of minimized off-center errors. What more do we need to say? With Shamir **Autograph II – Single Vision™**, Shamir has got your single vision patients covered, from front to back.

The Shamir **Autograph II – Single Vision™** design takes into account the patients' personal parameters while wearing their frames, this includes: panoramic angle, pantoscopic tilt and vertex distance. With these added measurements, the final product reflects the Rx needed based on the "as-worn" position of the patients' frames, not on refracted Rx alone.

It's like a pair of shoes. If you're a size 9.25, why would you want to squeeze your foot into a size 9 shoe if you knew you could get a size 9.25 shoe? This is the same personalization Shamir **Autograph II – Single Vision™** provides for your patients, except for their eyes.



not personalized



personalized

Shamir **Autograph II™** lenses are personalized to fit your patients' specific "size" (prescription).

## Technologies



### As-Worn Technology™

#### Perfect Vision For Any Frame Choice

Technology using three different measurements to create a lens that's even better suited for the patient; with vertex distance, pantoscopic tilt and panoramic angle we can fine-tune the lens unlike ever before.



### EyePoint Technology®

#### The Design Inside

By analyzing data from over 3,600 points on each lens Shamir is able to create lenses that offer patients a more accurate and comfortable visual experience.

## Who It's For

Single vision eyeglass wearers requiring a personalized lens with an aspheric/atoric backside with a consistent design in all materials.

## Features & Benefits

Honing in on benefits are key when lenses provide physical assistance to a problem patients may not understand they suffer from.

- Fully aspheric/atoric back-surface lens
- Personalized with As-Worn Technology™
- Designed with EyePoint Technology®

## Measurement Information

### As-Worn Technology™

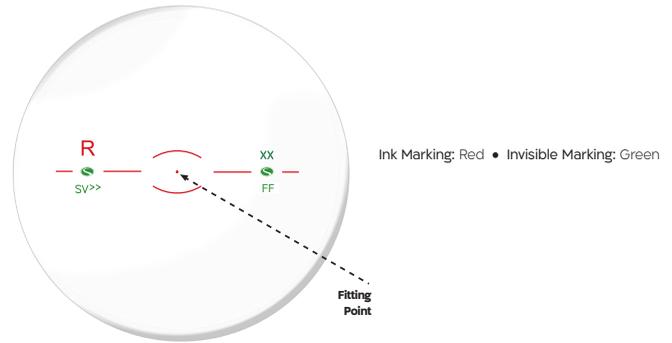
To get the maximum benefit from As-Worn Technology™, the actual measurements of the wearer should be included. (Vertex Distance - Fitted, Pantoscopic Tilt, Panoramic Angle). **The patient will benefit greatly from using their personal measurements, experiencing more precise and comfortable vision.**

If the As-Worn™ measurements are not included with the Shamir **Autograph® II+** order, the Shamir **Prescriptor Software®** will use defaults. These defaults are based on averages.

Default Measurements:	"As-Worn" measurements:
Vertex Distance: 13 mm	Vertex Distance: 5 mm to 30 mm
Pantoscopic Tilt: 4°	Pantoscopic Tilt: -10° to 12°
Panoramic Angle: 5°	Panoramic Angle: 0° to 12°

# Autograph II Single Vision™

## Technical Information



Ink Marking: Red • Invisible Marking: Green

### Availability:

Material	Prescription Range [D]	Cylinder
1.50 Hard Resin (C,TV,T,P,TX,D)	-12.00 to +5.00	to -6.0 [D]
DLC™ Trivex™ (C,T,P,TX,BZ,N)	-14.00 to +7.50	to -6.5 [D]
1.56 (B)	-14.00 to +8.50	to -6.75 [D]
1.6 SuperLite™ (C,T,P,TX)	-14.00 to +8.00	to -7.0 [D]
1.67 SuperLite™ (C,T,P,TX,BZ)	-16.00 to +16.00	to -8.0 [D]
1.74 SuperLite™ (C,T)	-20.00 to +12.50	to -9.0 [D]
Polycarbonate (C,TV,T,P,TX,D,BZ)	-14.50 to +8.75	to -7.0 [D]

### LEGEND:

- C - Clear
- TV - Transitions® Vantage™
- T - Transitions®™
- P - Polarized
- TX - Transitions® XTRActive™
- B - BluTech (Indoor & Outdoor)
- D - Drivewear®
- N - NXT™
- BZ - Blue Zero™
- S - SunSync®
- PH - Photochromic

POWER RANGE IS DETERMINED BY SHAMIR CERTIFIED BLANK RANGE PRISM TO 10 DIOPTERS IN EACH QUADRANT

**⚠ WARNING:** Polycarbonate lenses can expose you to chemicals including Bisphenol A (BPA) and 1.74 Index lenses can expose you to Methimazole, which are known to the State of California to cause birth defects or other reproductive harm. For more information go to: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## How to Fit & Order Shamir Autograph II Single Vision™

### Provide the following information:

- Doctors Refracted Rx
- Fitting Height
- Monocular Distance PD Panoramic Angle
- Pantoscopic Tilt
- Fitted Vertex Distance
- Frame Measurements A/B/DBL/ED

If the As-Worn™ measurements are not included with the order the Shamir **Prescriptor Software®** will use defaults. Please see the measurements section for more details.

\*It is strongly recommended that you provide all of the above mentioned measurements.



SHAMIRLENS.COM 877.514.8330

TECHNICAL INQUIRIES 888.370.0736



# Autograph II Attitude™

Personalized For Your Wrap Frames



Freeform™ PAL  	Technologies Product Classification: PLAY > Progressive	Marking: FF-AS FFA
	Minimum Fitting Heights: 15mm, 18mm	

## The Lens Design

99% of progressive lenses today are not made for sporty wrap and fashion sunwear. If you attempt to wear one of those regular progressive lenses in your wrap frames, you'd experience A LOT of distortion toward the outer edges of your frames (your periphery). So your vision wouldn't be 100% crisp and clear like you thought it should be. Only **Autograph II – Attitude™** progressive lenses are specifically designed for the wrap sunglasses you want so bad!

## Wrap It Up With Personalization

We took the design to the back-side, personalized it to the patient and added a little "as-worn" to the mix. Each **Autograph II – Attitude™** design incorporates **As-Worn Technology™**, further fine-tuning your patients vision based on how they wear their wrap frames and the ones they choose.

### Why As-Worn Technology™ works well for wrap frames

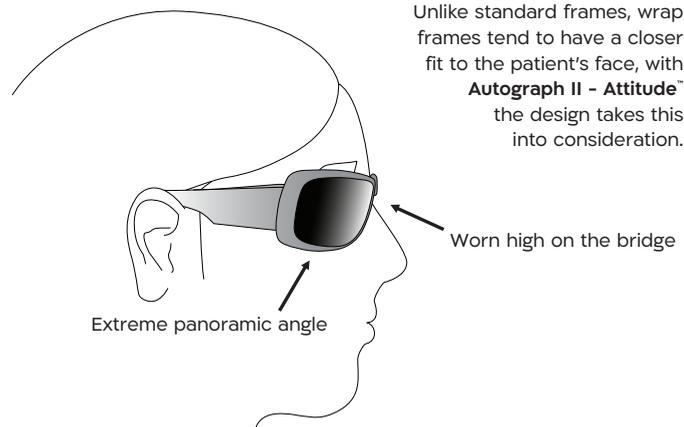
#### Autograph II - Attitude™ is optimized for wrap frames



Standard progressive

**Autograph II**  
ATTITUDE™

Unlike a standard progressive lens, Shamir **Autograph II – Attitude™** provides distortion-free vision in wrap frames.



Unlike standard frames, wrap frames tend to have a closer fit to the patient's face, with **Autograph II – Attitude™** the design takes this into consideration.



## As-Worn Technology™ Perfect Vision For Any Frame Choice

Technology using three different measurements to create a lens that's even better suited for the patient; with vertex distance, pantoscopic tilt and panoramic angle we can fine-tune the lens unlike ever before.



## EyePoint Technology® The Design Inside

By analyzing data from over 3,600 points on each lens Shamir is able to create lenses that offer patients a more accurate and comfortable visual experience.

## Who It's For

All adventure-oriented progressive lens sunglass wearers who need a personalized, distortion free solution.

## How To Fit & Order Shamir Autograph II Attitude™

### Provide the following information:

- Patient Rx
- Fitting Height
- Monocular Distance PD
- Panoramic Angle (**Autograph II Attitude™** needs at least 13° of wrap)
- Pantoscopic Tilt
- Fitted Vertex Distance
- Frame Measurements A/B/DBL/ED

If the **As-Worn™** measurements are not included with the order the Shamir Prescripitor Software® will use defaults. Please see the measurements section for more details.

\*It is strongly recommended that you provide all of the above mentioned measurements.

## Measurement Information

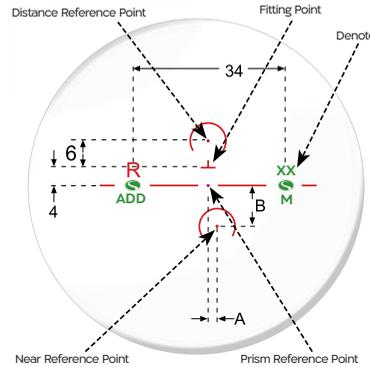
### As-Worn Technology™

To get the maximum benefit from **As-Worn Technology™**, the actual measurements of the wearer should be included. (Vertex Distance - Fitted, Pantoscopic Tilt, Panoramic Angle). **The patient will benefit greatly from using their personal measurements, experiencing more precise and comfortable vision.**

If the **As-Worn™** measurements are not included with the Shamir **Autograph® II+** order, the Shamir Prescripitor Software® will use defaults. These defaults are based on averages.

Default Measurements:	"As-Worn" measurements:
Vertex Distance: 13 mm	Vertex Distance: 5 mm to 30 mm
Pantoscopic Tilt: 9°	Pantoscopic Tilt: -10° to 12°
Panoramic Angle: 15°	Panoramic Angle: 13° to 30°

## Technical Information



Fitting Height	A' (see diagram)	B (see diagram)	M Invisible Marking (see diagram)
15mm	2.2	9	FF-AS
18mm	2.5	12	FFA

\*Transitional zone changes according to fixed design

### Availability:

Material	Prescription Range [D]	Addition	Cylinder
1.50 Hard Resin (C,T,V,T,P,TX,D)	-5.00 to +4.00	0.75 to 3.50	to -6.0 [D]
DLC™ Trivex™ (C,T,P,TX,BZ,N)	-5.00 to +4.00	0.75 to 3.50	to -6.5 [D]
1.56 (B)	-5.50 to +5.25	0.75 to 3.50	to -6.75 [D]
1.6 SuperLite™ (C,T,P,TX)	-6.50 to +5.25	0.75 to 3.50	to -7.0 [D]
1.67 SuperLite™ (C,T,P,TX,BZ)	-6.50 to +5.00	0.75 to 3.50	to -8.0 [D]
Polycarbonate (C,T,V,T,P,TX,D,BZ)	-6.50 to +5.25	0.75 to 3.50	to -7.0 [D]

### LEGEND:

- C - Clear
- TV - Transitions® Vantage™
- T - Transitions®
- P - Polarized
- TX - Transitions® XTRActive™
- B - BluTech (Indoor & Outdoor)
- D - Drivewear®
- N - NXT™
- BZ - Blue Zero™
- S - SunSync®
- PH - Photochromic

POWER RANGE IS DETERMINED BY SHAMIR CERTIFIED BLANK RANGE, PRISM TO 10 DIOPTERS IN EACH QUADRANT

⚠ **WARNING:** Polycarbonate lenses can expose you to chemicals including Bisphenol A (BPA) and 1.74 index lenses can expose you to Methimazole, which are known to the State of California to cause birth defects or other reproductive harm. For more information go to: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## Features & Benefits

- Includes groundbreaking technologies:
  - As-Worn Technology™
  - EyePoint Technology®
- Back-surface Freeform® design
- Peripheral distortions and power errors in the line of sight are non-existent





<b>Freeform® PAL</b>  <b>AW</b> As-Worn Technology  <b>Close-Up</b>  <b>Natural Posture</b>  <b>EPT</b> EyePoint Technology	Product Classification: <b>EVERYDAY &gt; Progressive</b>	<b>Marking:</b> <b>A2+</b>
	<b>Minimum Fitting Heights:</b> 11mm, 13mm, 15mm, 18mm & Variable	

## The Lens Design

Shamir **Autograph® II+** provides patients with more comfort both ergonomically and visually for everyday needs. These back-surfaced, digital **Freeform®** lenses can be personalized for your patients thanks to four of Shamir's advanced technologies: **EyePoint Technology®**, **As-Worn Technology™**, **Natural Posture™**, and **Close-Up™**.

**Autograph® II+** provides wider fields of view, and is designed to be more ergonomically comfortable while reading, working, and doing other various everyday tasks.

Most lens designs are universally optimized for near viewing, using an average inset value, which is fine in many cases. However when it comes to any irregularities, near vision may be unfocused or narrow. **Autograph® II+** allows the ECP to specify the patient inset allowing wider more focused vision at near.

The **Autograph® II+** also dynamically locates the near vertically within the lens corridor, taking into account the Rx sphere value - plus or minus, and giving constant, clear focus.

It also reduces the need to tilt the head forwards or backwards or alternatively to lower or raise a book when reading to find the right viewing distance and angle.

## Who It's For

Task-oriented eyeglass wearers experiencing blurry vision when focusing on objects at different distances. It's effective for avid readers or writers, digital users, those who enjoy hobbies such as painting, or even just working in an office.



## Features & Benefits

- The reading area is optimally positioned, so you'll enjoy a more natural posture.
- Personalized to meet your precise visual needs based on your visual requirements, chosen frames and wearing style.
- Constant, clear focus regardless of transitioning from near to intermediate view.
- The ability to further customize the position of the reading area by providing the patients monocular near pd for a more comfortable viewing experience.



### As-Worn Technology™

Technology using three different measurements to create a lens that's even better suited for the patient; with vertex distance, pantoscopic tilt and panoramic angle we can fine-tune the lens unlike ever before.



### Close-Up®

#### The Near PD Solution

Shamir's **Close-Up®** technology adjusts the reading zone inset of every lens to the individual patient's convergence during near viewing. Adjustments are made in 0.1 mm steps within a range of 0 - 5 mm. In other words, the lens is custom-adjusted to the individual's near PD, relative to their far PD.

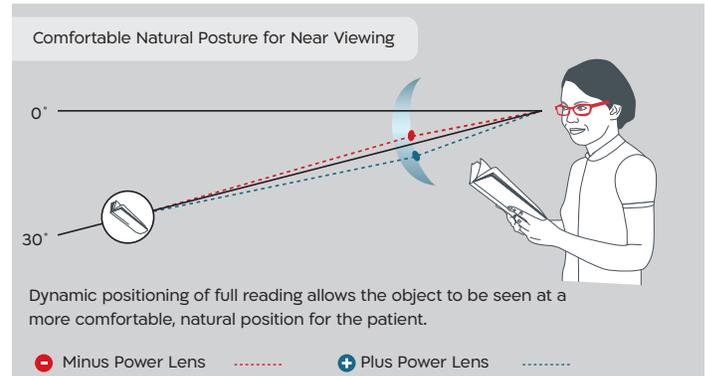
This advanced lens design technology creates lenses that meet individual differences, such as distance between pupils, reading distance, or asymmetric convergence, to lifestyle, type of work, hobbies, and so on.



### Natural Posture™

#### Ergonomic Design Concept

The near viewing zone in Shamir **Autograph® II+** is dynamically located within the lens corridor, taking into account the Rx sphere value - plus or minus. This reduces the need to tilt the head forwards or backwards or alternatively to lower or raise a book when reading to find the right viewing distance and angle. Any discomfort within their posture is thereby minimized and patients are ensured a comfortable natural posture during near viewing.



### EyePoint Technology®

By analyzing data from over 3,600 points on each lens Shamir is able to create lenses that offer patients a more accurate and comfortable visual experience.

**As-Worn Technology™**

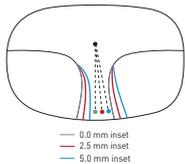
To get the maximum benefit from **As-Worn Technology™**, the actual measurements of the wearer should be included. (Vertex Distance - Fitted, Pantoscopic Tilt, Panoramic Angle). **The patient will benefit greatly from using their personal measurements, experiencing more precise and comfortable vision.**

If the **As-Worn™** measurements are not included with the Shamir **Autograph® II+** order, the Shamir **Prescripator Software®** will use defaults. These defaults are based on averages.

<b>Default Measurements:</b>	<b>"As-Worn" measurements:</b>
Vertex Distance: <b>13 mm</b>	Vertex Distance: <b>5 mm to 30 mm</b>
Pantoscopic Tilt: <b>4°</b>	Pantoscopic Tilt: <b>-10° to 12°</b>
Panoramic Angle: <b>5°</b>	Panoramic Angle: <b>0° to 12°</b>

**Close-Up™**

Shamir's **Close-Up™** technology adjusts the reading zone inset of every lens to the individual patient's convergence during near viewing. **Adjustments are made in 0.1 mm steps within a range of 0 - 5 mm.** In other words, the lens is custom-adjusted to the individual's near PD, relative to their far PD.



**Fitting with Close-Up™:**

Simply add the Mono near PD measurement to the order parameters. You can easily use a common pupilometer to measure with regard to the patient's near and far reading distances. Based on these parameters, the inset will be calculated to adjust the near zone. If **Close-Up™** is not chosen, inset will be default per design.

**How To Fit & Order Shamir Autograph® II+**

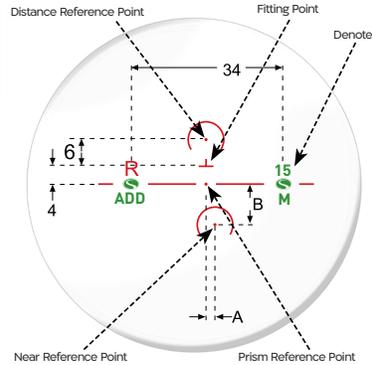
**Provide the following information:**

- Patient Rx
- Fitting Height
- Monocular Distance PD
- Monocular Near PD
- Panoramic Angle
- Pantoscopic Tilt
- Fitted Vertex Distance
- Frame Measurements A/B/DBL&ED

If the **As-Worn™** measurements are not included with the order the Shamir **Prescripator Software®** will use defaults. Please see the measurements section for more details.

\*It is strongly recommended that you provide all of the above mentioned measurements.

**Technical Information**



Fitting Height	A* (see diagram)	B (see diagram)	M Invisible Marking (see diagram)
11mm	2	5	A2+1
13mm	2	8	A2+3
15mm	2.2	9	A2+5
18mm	2.5	11	A2+8
Variable	According to reading zone position		A2+

\*Transitional zone changes according to fixed design

**Availability:**

Material	Prescription Range [D]	Addition	Cylinder
1.50 Hard Resin (C,T,V,T,P,TX,D)	-12.25 to +6.00	0.75 to 4.00	to -6.0 [D]
DLC™ Trivex™ (C,T,P,TX,BZ,N)	-13.25 to +6.00	0.75 to 4.00	to -6.5 [D]
1.56 (B)	-14.00 to +6.50	0.75 to 4.00	to -6.75 [D]
1.6 SuperLite™ (C,T,P,TX)	-15.00 to +6.00	0.75 to 4.00	to -7.0 [D]
1.67 SuperLite™ (C,T,P,TX,BZ)	-16.75 to +8.25	0.75 to 4.00	to -8.0 [D]
Polycarbonate (C,T,V,T,P,TX,D,BZ)	-14.75 to +6.50	0.75 to 4.00	to -7.0 [D]
1.74 SuperLite™ (C,T)	-18.75 to +12.00	0.75 to 4.00	to -9.00 [D]

**LEGEND:**

- C - Clear
- TV - Transitions® Vantage™
- T - Transitions®
- P - Polarized
- TX - Transitions® XTRActive™
- B - BLUTech (Indoor & Outdoor)
- D - Drivewear®
- N - NXT™
- BZ - Blue Zero™
- S - SunSync®
- PH - Photochromic

POWER RANGE IS DETERMINED BY SHAMIR CERTIFIED BLANK RANGE, PRISM TO 10 DIOPTERS IN EACH QUADRANT

**⚠ WARNING:** Polycarbonate lenses can expose you to chemicals including Bisphenol A (BPA) and 1,74 index lenses can expose you to Methimazole, which are known to the State of California to cause birth defects or other reproductive harm. For more information go to: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

The original **Autograph II®** is still available. **Autograph II®** does not have Natural Posture™ or Close-Up® technologies.





# Autograph II Office™

Vision Specialized For Any Profession



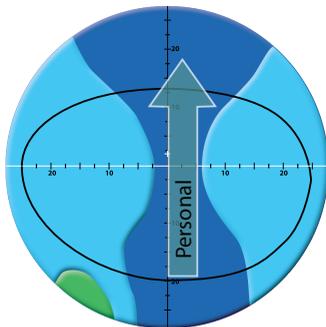
	<b>Technologies</b> Product Classification: <b>WORK &gt; Progressive</b>	<b>Marking:</b> <b>FFO</b>
	<b>Minimum Fitting Heights:</b> 16mm lower & 10mm upper	

## The Lens Design

As you can see in the diagram below, with Shamir **Autograph II – Office™** we are able to enhance the patient’s experience by providing them a personalized Dynamic Power based on the additional measurements taken. Shamir **Autograph II – Office™** caters to every detail and aspect of the patient’s work day, ensuring that they experience the most refined, personalized vision. What’s even better than a great day at work? A great day at work with a pair of Shamir **Autograph II – Office™** lenses.

**Shamir Autograph II – Office™**

Dynamic Power



**One personal Dynamic Power calculated to the patient prescription, frame and personal space.**

## Who It's For

Anyone wearing progressive lenses that spends the majority of their time at their workstation or enjoying hobbies like woodworking and sewing.

## Features & Benefits

- Provides a personalized Dynamic Power
- Incorporates patient’s work environment
- Designed with EyePoint Technology®
- Ideal for work or hobbies
- Personalized to fit the patient and their work station

Occupations/Hobbies that may benefit from Shamir **Autograph II Office™** are:

- Physician
- Hair Dresser
- Jeweler
- Tailor
- Accountant
- Cashier
- Graphic Designer
- Chemist
- Woodworking
- Sewing
- Homebrewing
- Gardening
- Cross Stitching
- Board Gaming



**IntelliCorridor™**

Unique Power Profile For Clearer Vision

Makes it possible to customize lenses specifically to the patient's vision requirements. Optimizes the power in specific areas used for everyday and outdoor tasks, reducing the need to move head up and down.

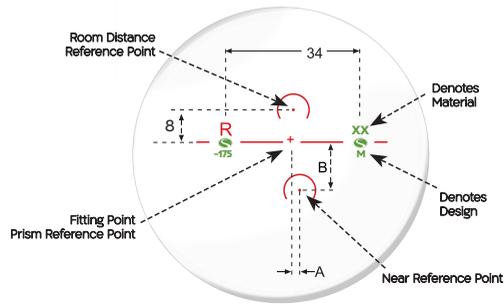


**EyePoint Technology™**

The Design Inside

EyePoint Technology® simulates the human eye in every angle, prescription, and field of vision. These techniques enable Shamir to create the most sophisticated progressive lens surfaces based upon thousands of points of data. It's this "design inside" that makes Shamir progressive lenses the most advanced in the world.

Technical Information



Fitting Height	A (see diagram)	B (see diagram)	M Invisible Marking (see diagram)
16mm	2.5	12	FFC

Verify Lens at NEAR REFERENCE POINT

How To Fit & Order Shamir Autograph II Office™

Provide the following information:

- Patient Distance and Near Rx do not adjust
- Fitting Height
- Monocular Distance PD
- Frame Measurements A/B/DBL/ED

Minimum Design Fitting Heights

Lower: 16 mm

Upper: 10 mm

(min. distance from fitting point to upper frame rim)

THE FULL DYNAMIC REDUCTION IS ACHIEVED AT 8 MM ABOVE THE FITTING POINT. VERIFY AT THE NEAR.

Availability:

Material	Total Near Power	Addition	Cylinder
1.50 Hard Resin (C)	-6.00 to +6.00	0.75 to 3.50	to -6.0 [D]
1.6 SuperLite™ (C,T,P,TX)	-6.00 to +8.00	0.75 to 3.50	to -7.0 [D]
Polycarbonate (C,TV,T,P,TX,D,BZ)	-6.00 to +8.00	0.75 to 3.50	to -7.0 [D]

LEGEND:

- C - Clear
- TV - Transitions® Vantage™
- T - Transitions®
- P - Polarized
- TX - Transitions® XTRActive™
- B - BluTech (Indoor & Outdoor)
- D - Drivewear®
- N - NXT™
- BZ - Blue Zero™
- S - SunSync®

POWER RANGE IS DETERMINED BY SHAMIR CERTIFIED BLANK RANGE PRISM TO 10 DIOPTERS IN EACH QUADRANT

⚠ **WARNING:** Polycarbonate lenses can expose you to chemicals including Bisphenol A (BPA) and 1,74 index lenses can expose you to Methimazole, which are known to the State of California to cause birth defects or other reproductive harm. For more information go to: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



/ShamirInsight



@Shamir\_Insight



thevitaminsee.com



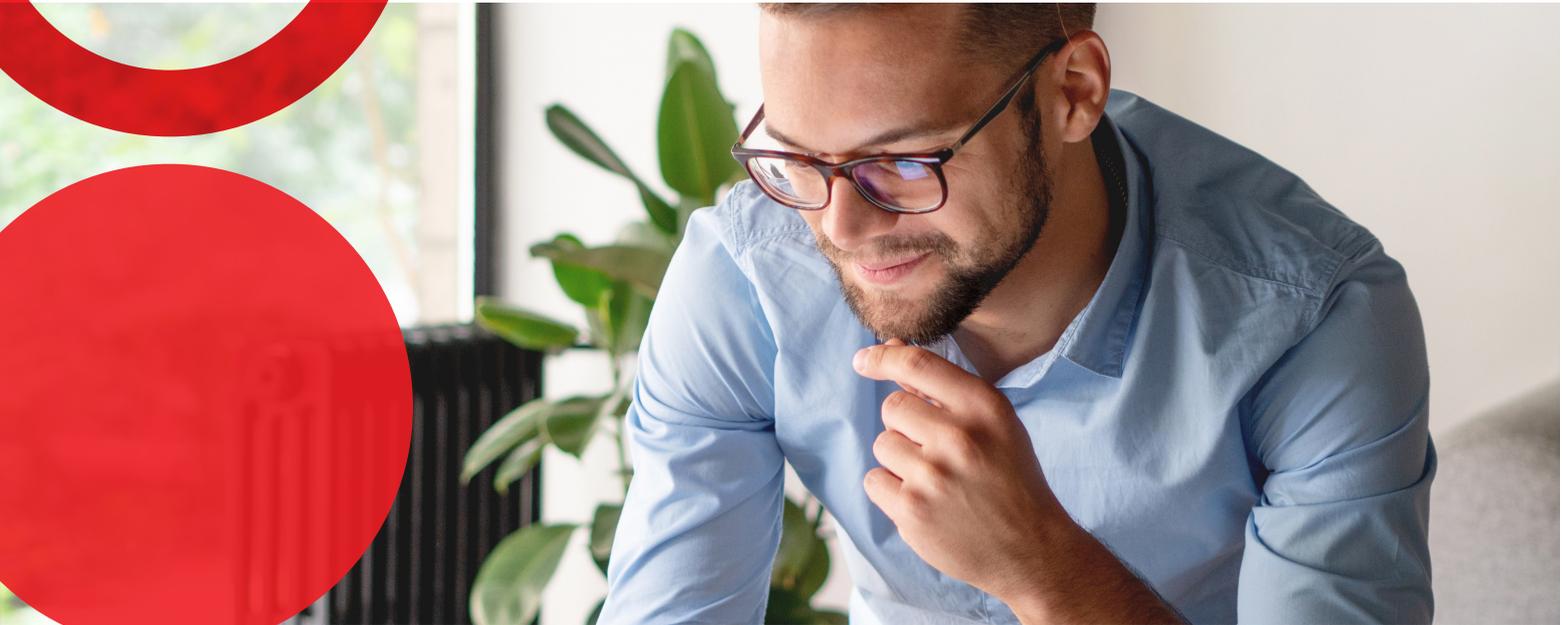
SHAMIRLENS.COM 877.514.8330

TECHNICAL INQUIRIES 888.370.0736



# Autograph® III SV

Experience The Difference with Digital



  	<b>Technologies</b> Product Classification: <b>EVERYDAY &gt; Single Vision</b>	<b>Marking:</b>
	Minimum Fitting Height: <b>NONE &gt; Fitting height still required</b>	<b>SV&gt;&gt; III</b>

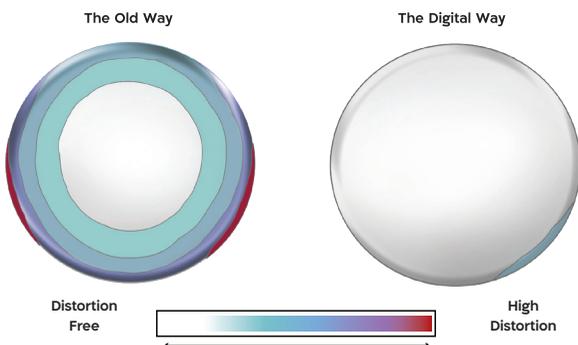
## The Lens Design

### Clarity in a High Definition World

The world around us is digital! Technology has allowed our TVs, phones, laptops, tablets, and watches to progress; we have the most megapixels, highest resolution and the most unique tools that connect us quickly and clearly. Did you know the same goes for your Vision?

With Shamir **Autograph III® SV**, we incorporated our most advanced technologies to ensure that your view of the world around you is the clearest it can be. With digital manufacturing and by incorporating your measurements, lenses don't get more precise than this.

### The Difference is Clear with Digital



## Advanced Technologies

**As-Worn Quadro™**  
 Perfect Vision For Any Frame Choice

**As-Worn Technology™** ensures that the patient's experience of the prescription, once the lens is fit into the frame, is exactly the same as when originally refracted by the Doctor, giving the patient the same viewing comfort and visual acuity. Multiplying the design dimensions by four, **As-Worn Quadro™** improves on this technology, allowing Shamir **Autograph® III SV** to provide four times greater design stability to frame tilt variations in any chosen frame.

## Who It's For

Single Vision Eyeglass wearers experiencing difficulty reading small print, focusing on nearby objects, or suffering from eyestrain and headaches, and demanding premium lenses that optimally accommodate any individual prescription.



**Eyepoint Technology III®**  
Precise measurement- and simulation-based lens personalization technology

Eye-point III is technology enabling delivery of personalized lenses with wide, distortion-free viewing fields, standardized for both hyperopic (farsighted) and myopic (nearsighted) eyeglass wearers.

Relying on precise measurements and prescriptions, and on simulation of perceived, real-world viewing fields, the technology enables lens designers to achieve precise power profile control, and apply specific power emphasis at different points and vision zones across lens surfaces.

**Main benefit**

The ability to produce lenses enabling eyeglass wearers with any prescription and frame choice to achieve clear and comfortable visual experience, while ensuring the most natural viewing postures and accommodating the increasing use of handheld digital devices, patients regardless of lens power and frame choice.

Measurement Information

**As-Worn Technology™**

To get the maximum benefit from As-Worn Quadro™, the actual measurements of the wearer should be included. (Vertex Distance - Fitted and Refracted, Pantoscopic Tilt, Panoramic Angle). **The patient will benefit greatly from using their personal measurements, experiencing more precise and comfortable vision.**

If the As-Worn™ measurements are not included with the **Autograph III® SV** order, the Shamir **Prescriptor®** will use defaults. These defaults are based on averages.

Default Measurements:	"As-Worn" measurements:
Vertex Distance: 13 mm	Vertex Distance: 5 mm to 30 mm
Pantoscopic Tilt: 4°	Pantoscopic Tilt: -10° to 20°
Panoramic Angle: 5°	Panoramic Angle: 0° to 12°

How To Fit & Order Shamir **Autograph® III SV**

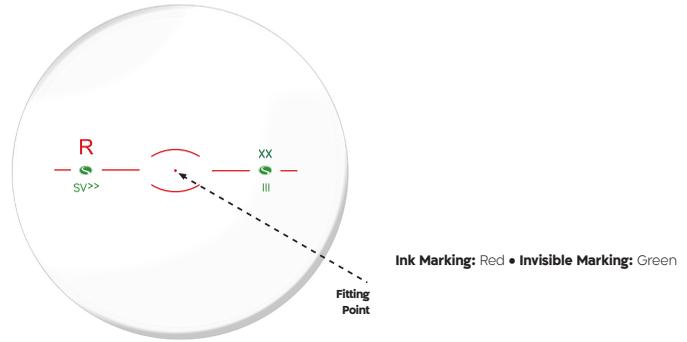
**Provide the following information:**

- Patient Rx
- Fitting Height
- Monocular Distance PD
- Panoramic Angle
- Pantoscopic Tilt
- Fitted Vertex Distance
- Frame Measurements A/B/DBL/ED

If the As-Worn™ measurements are not included with the order the Shamir **Prescriptor Software®** will use defaults. Please see the measurements section for more details.

\*It is strongly recommended that you provide all of the above mentioned measurements.

Technical Information



**Availability:**

Material	Prescription Range [D]	Cylinder
1.50 Hard Resin (C,T,V,T,P,TX,D,I)	-12.00 to +8.00	to -6.0 [D]
DLC™ Trivex™ (C,T,V,T,P,TX,BZ,N)	-14.00 to +8.00	to -6.5 [D]
1.56 (B)	-14.00 to +8.50	to -6.75 [D]
1.6 SuperLite™ (C,T,P,TX)	-14.00 to +8.75	to -7.0 [D]
1.67 SuperLite™ (C,T,P,TX,BZ)	-16.00 to +16.00	to -8.0 [D]
1.74 SuperLite™ (C,T,7)	-20.00 to +13.50	to -9.0 [D]
Polycarbonate (C,T,V,T,P,TX,D,V,BZ)	-14.00 to +8.75	to -7.0 [D]

**LEGEND:**

- C - Clear
- TV - Transitions® Vantage™
- T - Transitions®
- P - Polarized
- TX - Transitions® XTRActive™
- B - BluTech (Indoor & Outdoor)
- D - Drivewear®
- N - NXT™
- BZ - Blue Zero™
- S - SunSync®
- PH - Photochromic

POWER RANGE IS DETERMINED BY SHAMIR CERTIFIED BLANK RANGE PRISM TO 10 DIOPTERS IN EACH QUADRANT

**⚠ WARNING:** Polycarbonate lenses can expose you to chemicals including Bisphenol A (BPA) and 1.74 index lenses can expose you to Methimazole, which are known to the State of California to cause birth defects or other reproductive harm. For more information go to: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Features & Benefits

Honing in on benefits are key when lenses provide physical assistance to a problem patients may not understand they suffer from.

- Fully aspheric/atoric back-surface lens
- Personalized with As-Worn Quadro Technology™
- Designed with EyePoint Technology III®





# Computer™ & WorkSpace™

Keeping The Office In Perfect Focus



	Product Classification: <b>WORK &gt; Progressive</b>	Marking: <b>FFC</b> Computer™	Marking: <b>FFW</b> WorkSpace™
	Minimum Fitting Heights: 14mm lower & 10mm upper		

## Lenses That Alleviate

Shamir **Computer™/WorkSpace™** lenses are designed to significantly improve visual clarity and comfort in the 15 inches to 5 feet or 10 feet range. Shamir **Computer™** and **WorkSpace™** lenses feature power profiles uniquely optimized for near vision zones. Suitable for small, closed off workspaces, Shamir **Computer™** provides visual clarity and comfort in the 15 inches to 5 feet range typically required for convenient reading and computer usage. Shamir **WorkSpace™** offers similar functionality, while extending visual reach for larger offices and open spaces, and delivering visual comfort at even greater distances ranging up to 10 feet. Both lenses accommodate the most natural and ergonomic viewing postures, helping to reduce the need to tilt one's head forward or back, or lower or raise objects to achieve convenient viewing.

## Shamir **Computer™** - Focus On Immediate Surroundings

When focusing on a computer and its near surroundings is a top priority, **Shamir Computer™**, an advanced Freeform® lens, provides a wide field of near viewing with clear vision up to 5ft. A far greater depth of field than that offered by conventional reading lenses.

**Shamir Computer™** is ideal for those patients working on a computer throughout the day, especially those working with multiple monitors.

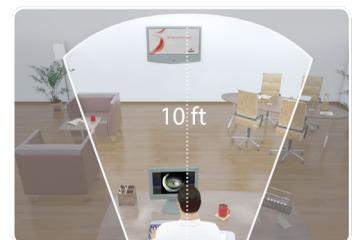
It is important to understand that **Shamir Computer™** serves other occupations as well, because it provides clear vision for any task performed within 5ft.

Occupations that may benefit from Shamir <b>Computer™</b> are:	<ul style="list-style-type: none"> <li>• Post Office Clerk</li> <li>• Lab Technician</li> <li>• Software Engineer</li> <li>• Pianist</li> </ul>	<ul style="list-style-type: none"> <li>• Accountant</li> <li>• Data Entry Clerk</li> <li>• Graphic Designer</li> <li>• Chemist</li> </ul>
--	---	---

## Depths of Field



**Shamir Computer™**  
up to 5ft.



**Shamir WorkSpace™**  
up to 10ft.

*Ergonomic visual solutions providing optimal clarity and depth for daily tasks!*

## Shamir **WorkSpace™** - Focus For Dynamic Workers

**Shamir WorkSpace™** is the best solution when priority focus is both mid-distance and near viewing. **Offering a greater depth of field, up to 10ft.**, this advanced and highly sophisticated Freeform® lens design, allows movement within the workspace and sharp vision whether the required focus is on the desk or a colleague across the room.

If working on near tasks and interacting with employees or presenting to groups fall within the patients daily tasks, **Shamir WorkSpace™** is the ideal solution.

It is also the best occupational solution for those who are actively moving around their work place throughout the day, even if your workspace is at home!

Occupations that may benefit from Shamir <b>WorkSpace™</b> are:	<ul style="list-style-type: none"> <li>• Florist</li> <li>• Sales Clerk</li> <li>• Nurse</li> <li>• Chef</li> </ul>	<ul style="list-style-type: none"> <li>• Receptionist</li> <li>• Hairdresser</li> <li>• Optician</li> <li>• Surgeon</li> </ul>
---	---	--

## The Technologies



### IntelliCorridor™

Unique Power Profile For Clearer Vision

Makes it possible to customize lenses specifically to the patient's vision requirements. Optimizes the power in specific areas used for everyday and outdoor tasks, reducing the need to move head up and down.



### Natural Posture™

Ergonomic Design Concept

Shifts the image back to an ergonomically correct viewing angle, allowing the patient to hold their head in a more comfortable, natural position when reading.



### EyePoint Technology™

The Design Inside

EyePoint Technology® simulates the human eye in every angle, prescription, and field of vision. These techniques enable Shamir to create the most sophisticated progressive lens surfaces based upon thousands of points of data. It's this "design inside" that makes Shamir progressive lenses the most advanced in the world.

## Who It's For

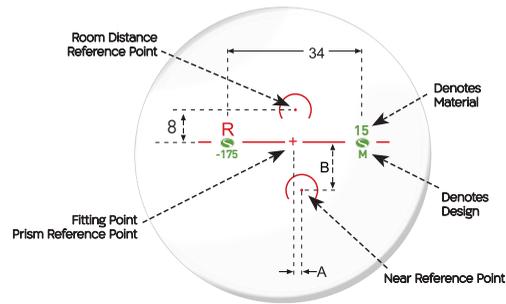
Reading, bifocal or progressive eyeglass wearers requiring vision improvement in near vision zones when spending the majority of their workday at their desk and in front of computers.

## Features & Benefits

- Unprecedented near zone visual comfort when using computers and performing desktop activities
- Wide, comfortable viewing field for reading
- Natural and ergonomic viewing postures
- Reduced eye strain and fatigue

# Computer™ & WorkSpace™

## Technical Information



	Fitting Height	A (see diagram)	B (see diagram)	M Invisible Marking (see diagram)
Computer™	14mm	2	12	FFC
WorkSpace™	14mm	2	12	FFW

Verify Lens at NEAR REFERENCE POINT

### Availability:

Material	Total Near Power Range	Dynamic Reduction
1.50 Hard Resin (C,T,P,TX,S)	-6.00 to +6.00	Shamir Computer™ -0.75 to -2.00
1.53 Trivex™ (C,T,TX,N,BZ,S)	-6.00 to +8.00	
1.56 (B)	-6.00 to +8.00	Shamir WorkSpace™ -0.75 to -2.50
1.59 Polycarbonate (C,T,TX,B,BZ,S)	-6.00 to +8.00	
1.60 (C,T,TX)	-6.00 to +8.00	
1.67 (C,T,TX,BZ,S)	-8.50 to +8.75	

### LEGEND:

- C - Clear
- TV - Transitions® Vantage™
- T - Transitions®
- P - Polarized
- TX - Transitions® XTRActive™
- B - BluTech (Indoor & Outdoor)
- D - Drivewear®
- N - NXT
- BZ - Blue Zero™
- S - SunSync®

POWER RANGE IS DETERMINED BY SHAMIR CERTIFIED BLANK RANGE PRISM TO 10 DIOPTERS IN EACH QUADRANT

**⚠ WARNING:** Polycarbonate lenses can expose you to chemicals including Bisphenol A (BPA) and 1,74 index lenses can expose you to Methimazole, which are known to the State of California to cause birth defects or other reproductive harm. For more information go to: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## How To Fit & Order Shamir Computer™ & Shamir WorkSpace™

### Provide the following information:

- Patient Distance and Near Rx do not adjust
- Fitting Height
- Monocular Distance PD
- Frame Measurements A/B/DBL&ED

### Minimum Design Fitting Heights

Applies to both Shamir Computer™ and Shamir WorkSpace™

**Lower:** 14 mm

**Upper:** 10 mm

(min. distance from fitting point to upper frame rim)

THE FULL DYNAMIC REDUCTION IS ACHIEVED AT 8 MM ABOVE THE FITTING POINT. **VERIFY AT THE NEAR.**

\*It is strongly recommended that you provide all of the above mentioned measurements.



/ShamirInsight



@Shamir\_Insight



thevitaminsee.com



SHAMIRLENS.COM 877.514.8330

TECHNICAL INQUIRIES 888.370.0736



Freeform® Bifocal 	<b>Technologies</b> Product Classification: <b>EVERYDAY &gt; Bifocal</b>	<b>Marking:</b> 
	<b>Minimum Fitting Heights:</b> 15mm	

Everyone likes to look their best, including those patients who choose to wear bifocals. The visible line across flat-top bifocals, generally seen as an age marker, gives the lens an undesirable look. At the same time it compromises visual comfort by creating a disturbing image jump.

### Addressing The Visual Experience Of The Bifocal Wearer.

Shamir has developed a new generation of bifocal lenses that provide a more aesthetically appealing solution improving the way the wearer looks, as well as the way they see with Shamir **Duo™**.

### Traditional Bifocals – A Good Solution, But Not Without Drawbacks

Flat-top bifocals are a conventional solution for presbyopic needs, however they do include some troublesome disadvantages regarding both how the wearer looks and how they see. With their visible dividing line, flat-top bifocals give the wearer a look that is generally associated with old age and furthermore, flat-top bifocals introduce a vertical surface discontinuity resulting in a disturbing image jump with loss of image as the eye moves from one visual zone to the other.

Traditional bifocal lens wearers have had to compromise on their appearance as well as on the accompanying visual performance... until now.

### Advantages Of Shamir Duo™

**A New Look**  
 Shamir Duo™ eliminates the visible age-marking line.



**Visual Harmony**  
 Visual comfort matters. With Shamir Duo™, vision is clear and smooth from one visual zone to another.

**More choices**  
 Doing away with limitations, Shamir Duo™ allows a wide choice of materials and premium coatings.



### Characteristics of Flat-Top Bifocal



Visible dividing line between vision zones, generally associated with an older age group.



Ledge causes images to jump, makes cleaning difficult and prevents coating from being applied.



**EyePoint Technology™**

**The Design Inside**

EyePoint Technology® simulates the human eye in every angle, prescription, and field of vision. These techniques enable Shamir to create the most sophisticated progressive lens surfaces based upon thousands of points of data. It's this "design inside" that makes Shamir progressive lenses the most advanced in the world.

**Shamir Duo™ - A New Visual Harmony**

To overcome these disadvantages, Shamir has developed a new bifocal lens design – Shamir Duo™. An advanced Freeform® lens, Shamir Duo™ offers surface continuity, eliminating the visible line. It also offers optical continuity, eliminating the image jump and loss of image. By eliminating these problems associated with traditional bifocal lenses, Shamir Duo™ maintains a natural, distortion free visual path as the eye moves from one vision zone to another.

Now with Shamir Duo™, there is no need to compromise either on appearance or on visual comfort.

Characteristics of new generation Bifocal: Shamir Duo™



Eliminates the visible dividing line between vision zones, generally associated with an older age group.



Smooth surface means no visual distortion along the natural eye path, easy cleaning and allows a wide choice of materials and advanced coatings.

**Measurement Information**

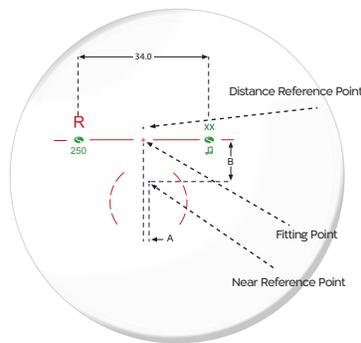
**Provide the following information:**

- Patient Distance and Near Rx do not adjust
- Fitting Height
- Monocular Distance PD
- Frame Measurements A/B/DBL&ED

**Fitting Instructions:**

The Shamir™ fitting point should coincide with the center of the pupil, using the invisible markings for verification

**Technical Information**



Fitting Height	A* (see diagram)	B (see diagram)	M Invisible Marking (see diagram)
15mm	1.5	11	JJ

\* Inset affected by design and Near P.D. Value listed is if no Near PD provided

**Minimum Fitting Height: 15mm**  
**Ink Marking: Red • Invisible Marking: Green**

**Availability:**

Material	Prescription Range [D]	Addition	Cylinder
1.50 Hard Resin (C,T,V,T7,P,TX,D)	-9.00 to +6.00	0.75 to 4.00	to -6.0 [D]
DLC Trivex™ (C,T,V,T7,P,TX,BZ)	-13.25 to +6.00	0.75 to 4.00	to -6.5 [D]
1.56 (B)	-14.00 to +6.00	0.75 to 4.00	to -6.75 [D]
NXT™ (PH)	-1.75 to +6.00	0.75 to 4.00	to -6.50 [D]
1.6 SuperLite™ (C,T7,P,TX)	-15.00 to +6.00	0.75 to 4.00	to -7.0 [D]
1.67 SuperLite™ (C,T7,P,TX,D,BZ)	-16.75 to +8.00	0.75 to 4.00	to -8.00
Polycarbonate (C,T,V,T7,P,TX,D,BZ)	-14.75 to +6.00	0.75 to 4.00	to -7.00
1.74 SuperLite™ (C,T7)	-18.75 to +12.00	0.75 to 4.00	to -9.00

**LEGEND:**

- C - Clear
- TV - Transitions® Vantage™
- T7 - Transitions® Signature7™
- P - Polarized
- TX - Transitions® XTRActive™
- B - BLUTech (Indoor & Outdoor)
- D - Drivewear®
- N - NXT™
- BZ - Blue Zero™
- S - SunSync®
- PH - Photochromic

POWER RANGE IS DETERMINED BY SHAMIR CERTIFIED BLANK RANGE PRISM TO 10 DIOPTERS IN EACH QUADRANT  
**⚠ WARNING:** Polycarbonate lenses can expose you to chemicals including Bisphenol A (BPA) and 1.74 index lenses can expose you to Methimazole, which are known to the State of California to cause birth defects or other reproductive harm. For more information go to: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**Features & Benefits**

In addition to improved appearance as well as improved vision, Shamir Duo™ offers other important advantages over flat-top bifocals which limit the type of lens materials and treatments that can be used, allowing less versatility and offering patients fewer choices.

**A Harmony of Advantages**

- **Improved appearance:** Eliminates the visible dividing line between vision zones
- **Improved visual performance:** Visual continuity between zones
- **Suitable for sunglasses:** Tinted, Photochromic and Polarized
- **Available in a wide variety of materials** including high index for thin, aesthetically appealing lenses
- **Suitable for a range of premium coatings**
- **Ideal for presbyopes** with progressive lens adaptation difficulties

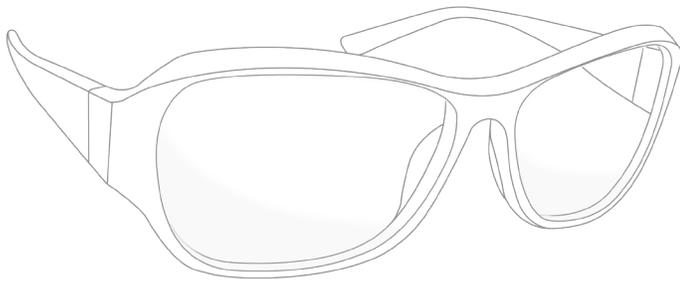




	Product Classification: EVERYDAY > Progressive	Marking:  <span style="font-size: 2em; color: red;">E</span>
	Minimum Fitting Heights: 16mm, 19mm	

## When more is too much, stick with the Shamir **Element™**

Not only do we want to help the consumer, but we want to help the eye care professional as well. With more product offerings to ensure a progressive solution for any budget, we've got your back (backside that is). Trust us, this lens has top-of-the-line features at a price that will make them smile.



We like to think that we understand consumers and where they're coming from; so when it was brought to our attention that some consumers really like what the Shamir **Autograph III®** had to offer but couldn't afford the price, we decided that it was our job to help them out. The answer: Shamir **Element™**, our elementary Freeform® lens!

With Shamir **Element™** your patients get a back surfaced freeform progressive lens made just for them. So what does that mean? Well, **Element™** doesn't have all the same bells and whistles that Shamir **Autograph III®** does, but it's a reasonably priced alternative that's created to the highest level of optical accuracy (up to 1/100 diopters) and provides up to 20% wider fields of vision.

## Shamir Element™ - The Elementary Freeform®

Shamir **Element™** is Shamir's elementary Freeform® design built on 2 essential technologies, EyePoint Technology® and Direct Lens Technology® which together create a back surfaced freeform design and gives you the opportunity to provide your patients these technologies at a reasonable price.

### Compare **Element®** and **Autograph III®**

	Shamir Element™	Shamir Autograph III®
Price	\$	\$\$\$
EyePoint Technology® / EyePoint Technology III®	EyePoint Technology®	EyePoint Technology III®
Direct Lens Technology®	✓	✓
Back-surface design	✓	✓
Freeform® manufacturing	✓	✓
Wider fields of vision	✓	✓
RCPV® Rewards		✓
Natural Posture™		✓
IntelliCorridor™		✓
As-Worn Quadro™		✓
Customized fitting height		✓
Variable designs		✓

The chart above compares the differences between Shamir **Element™** and the Shamir **Autograph III®**.

Features & Benefits

- Back-surface Freeform® design
- 20% wider fields of vision
- Designed with EyePoint Technology®
- Wider fields of vision
- Reasonably priced Freeform® progressive

Technologies



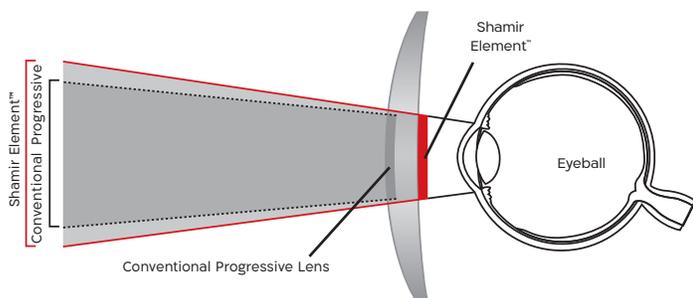
EyePoint Technology®

By analyzing data from over 3,600 points on each lens Shamir is able to create lenses that offer patients a more accurate and comfortable visual experience.

Freeform® Technology

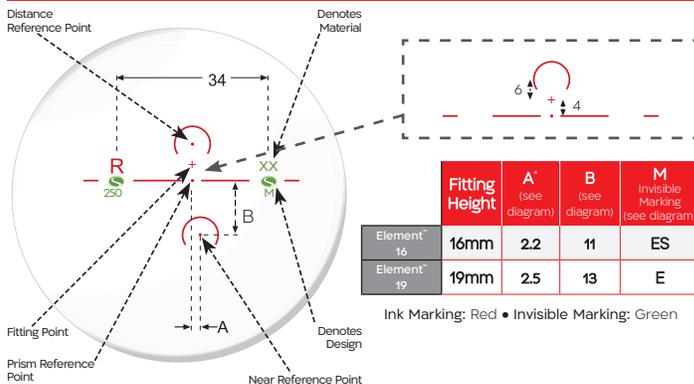
Shamir **Element™** is a Freeform® design, which means the design and the patient's Rx are on the back of the lens, ultimately providing wider fields of vision. Our easy access diagram below explains everything.

Back surface design widens patient's field of view.



While semi-finished molds suffer from slight degradations resulting in a loss of optical design, the same isn't true for Shamir **Element™**. Each Shamir **Element™** lens is created from a Freeform® machine, right on the spot and not from a 20th century mold. The lens is also personalized to fit the patient's needs and both the patient's Rx and the optical design are on the back of the lens which opens up the fields of vision by up to 20% for the patient. Want more benefits? **Element™** virtually eliminates unwanted astigmatism, swim and peripheral distortions providing maximized fields of vision. If you ask us, there's no competition here.

Technical Information



Availability:

Material	Prescription Range [D]	Addition	Cylinder
1.50 Hard Resin (C,T,V,T,P,TX,D <sub>i</sub> )	-7.00 to +4.00	0.75 to 3.50	to -6.0 [D]
DLC™ Trivex™ (C,T,V,T,P,TX,BZ,N)	-13.25 to +6.00	0.75 to 3.50	to -6.5 [D]
1.6 SuperLite™ (C,T,P,TX)	-10.00 to +6.00	0.75 to 3.50	to -7.0 [D]
1.67 SuperLite™ (C,T,P,TX,BZ)	-12.50 to +8.00	0.75 to 3.50	to -8.0 [D]
Polycarbonate (C,T,V,T,P,TX,D,V,BZ)	-10.00 to +6.00	0.75 to 3.50	to -7.0 [D]

LEGEND:

- C - Clear
- TV - Transitions® Vantage™
- T7 - Transitions®
- P - Polarized
- TX - Transitions® XTRActive™
- B - BluTech (Indoor & Outdoor)
- D - Drivewear®
- N - NXT™
- BZ - Blue Zero™
- S - SunSync®
- PH - Photochromic

POWER RANGE IS DETERMINED BY SHAMIR CERTIFIED BLANK RANGE PRISM TO 10 DIOPTERS IN EACH QUADRANT

**WARNING:** Polycarbonate lenses can expose you to chemicals including Bisphenol A (BPA) and 1.74 index lenses can expose you to Methimazole, which are known to the State of California to cause birth defects or other reproductive harm. For more information go to: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Who It's For

Cost-conscious eyeglass wearers requiring visual clarity and comfort across all zones.

How to Fit & Order Shamir **Element™**

Provide the following information:

- Patient Rx
- Fitting Height
- Monocular Distance PD
- Frame Measurements A/B/DBL&ED

\*It is strongly recommended that you provide all of the above mentioned measurements.



Technical Information

Cylinder: 0.00 to -6.00 [D]

	Index	Power Range	Add Power	VSP Codes /Other	16mm Invisible Markings	19mm Invisible Markings
Hard Resin	1.49	-7.00 to +4.00	+0.75 to +3.50	Hard Coated/Uncoated		
Hard Resin Transitions Signature7™	1.49	-7.00 to +4.00	+0.75 to +3.50	Gray/Brown		
Hard Resin Polarized	1.49	-7.00 to +4.00	+0.75 to +3.50	Gray/Brown/G-15		

Cylinder: 0.00 to -7.00 [D]

Superlite™ 1.60	1.60	-10.00 to +6.00	+0.75 to +3.50	Hard Coated/Uncoated		
Superlite™ 1.60 Transitions Signature7™	1.60	-10.00 to +6.00	+0.75 to +3.50	Gray/Brown		

Cylinder: 0.00 to -8.00 [D]

Superlite™ 1.67	1.67	-12.50 to +8.00	+0.75 to +3.50	Hard Coated/Uncoated		
Superlite™ 1.67 Transitions Signature7™	1.67	-12.50 to +8.00	+0.75 to +3.50	Gray/Brown		
Superlite™ 1.67 Transitions XTRActive	1.67	-12.50 to +8.00	+0.75 to +3.50	Gray		
Superlite™ 1.67 Blue Zero™	1.67	-12.50 to +8.00	+0.75 to +3.50	Hard Coated/Uncoated		

Cylinder: 0.00 to -6.50 [D]

TRIVEX™	1.53	-13.25 to +6.00	+0.75 to +3.50			
TRIVEX™ Transitions Signature7™	1.53	-13.25 to +6.00	+0.75 to +3.50	Gray/Brown		
TRIVEX™ Transitions XTRActive	1.53	-13.25 to +6.00	+0.75 to +3.50	Gray		
TRIVEX™ BLUE ZERO™	1.53	-13.25 to +6.00	+0.75 to +3.50			

Cylinder: 0.00 to -7.00 [D]

Polycarbonate	1.59	-10.00 to +6.00	+0.75 to +3.50			
Polycarbonate Transitions Signature7™	1.59	-10.00 to +6.00	+0.75 to +3.50	Gray/Brown		
Polycarbonate Transitions XTRActive	1.59	-10.00 to +6.00	+0.75 to +3.50	Gray		
Polycarbonate Polarized	1.59	-10.00 to +6.00	+0.75 to +3.50	Gray/Brown/G-15		
Polycarbonate Blue Zero™	1.59	-10.00 to +6.00	+0.75 to +3.50			

**⚠ WARNING:** Polycarbonate lenses can expose you to chemicals including Bisphenol A (BPA) and 1.74 index lenses can expose you to Methimazole, which are known to the State of California to cause birth defects or other reproductive harm. For more information go to: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).





Freeform™ PAL 	<b>Technologies</b> Product Classification: EVERYDAY > Progressive > Emerging Presbyope 0.75-1.50	Marking: <b>FP</b>
	Minimum Fitting Heights: 15mm	

**The Lens Design**

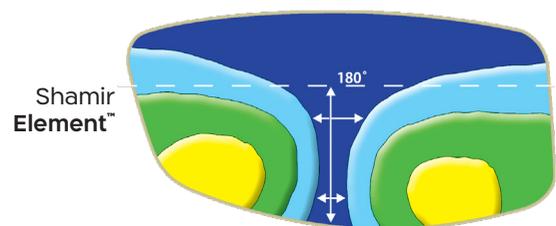
It's common for new presbyopic patients to put off getting progressives and instead buy a pair of OTC Readers. But why keep them from adjusting to the world of progressive lenses when there's a solution specifically for new presbyopes, aged 40-45, requiring a low add? With Shamir **FirstPAL™**, we've designed a progressive solution that takes into account the adaptation struggles new presbyopes face.

**Shamir FirstPAL™...promoting easy adaptation**

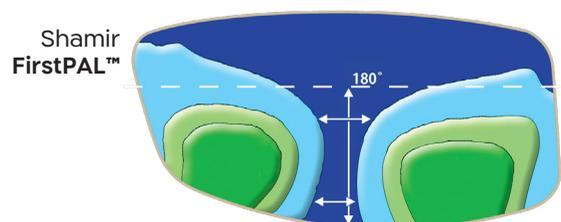
They may think that slightly blurry near vision isn't very troublesome yet, but once your patients require a stronger add power, it may be more difficult for them to adjust to progressives. This is because progressives are much different than those single vision lenses they were used to. Shamir **FirstPAL™** has been designed as an "introductory" progressive. It's a progressive without the visual constraints of more advanced PAL designs. Shamir **FirstPAL™** features wider reading and intermediate zones and the full add is obtained quickly, so they won't have to lower their heads as much to see, like they would in a standard progressive.

**The First Pal**

Helping patients adjust to progressive lenses – Shamir **FirstPAL™**!



With Shamir **FirstPAL™**, the full add is obtained quickly for easy adaptation.



Advanced Technology

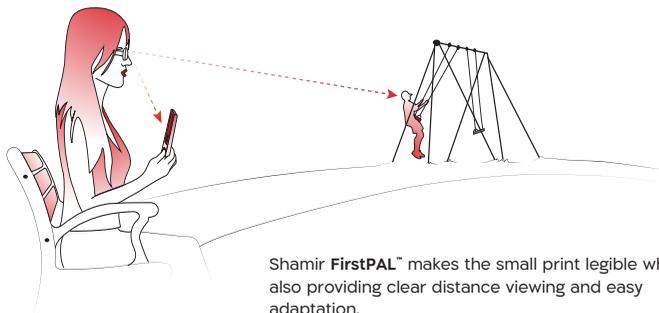


By analyzing data from over 3,600 points on each lens Shamir is able to create lenses that offer patients a more accurate and comfortable visual experience.

Don't Lose Out On An Opportunity For First Pair Sales.

Sometimes ECP's may not want to put their patients into a progressive if they require a low add (.75 to 1.50). Not only because they may not easily adapt, but also because of the significant cost increase from SV into a PAL. Well, Shamir **FirstPAL™** is an introductory progressive lens and to help patients get "introduced" we've made sure to price it economically. Our scientists understand the challenges patients face when they put on their first pair of progressives, and designed Shamir **FirstPAL™** to ease patients into the world of progressive lenses.

Putting your patients into their First PAL has never been this easy!



Shamir **FirstPAL™** makes the small print legible while also providing clear distance viewing and easy adaptation.

With a lens designed for patients to comfortably adjust to a PAL lens and a price that fits, we're making it easier for you to recommend them their first progressive lenses and easier for them to adapt to it!

How to Fit & Order Shamir **FirstPAL™**

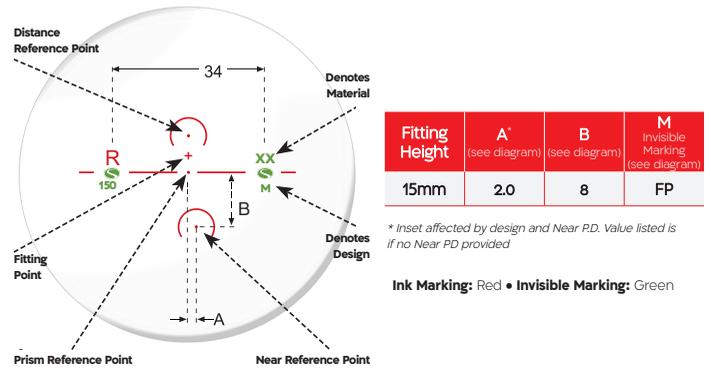
Provide the following information:

- Patient Rx
- Fitting Height
- Monocular Distance PD
- Frame Measurements A/B/DBL/ED

\*It is strongly recommended that you provide all of the above mentioned measurements.



Technical Information



Availability:

Material	Prescription Range [D]	Addition	Cylinder
1.50 Hard Resin (C,TV,T,P,TX,D,)	-9.00 to +6.00	0.75 to 1.50	to -6.0 [D]
1.6 SuperLite™ (C,T,P,TX)	-14.75 to +6.00	0.75 to 1.50	to -7.0 [D]
Polycarbonate (C,TV,T,P,TX,D,V,BZ)	-14.75 to +6.75	0.75 to 1.50	to -7.0 [D]

LEGEND:

- C - Clear
- TV - Transitions® Vantage™
- T7 - Transitions®
- P - Polarized
- TX - Transitions® XTRActive™
- B - BluTech (Indoor & Outdoor)
- D - Drivewear®
- N - NXT™
- BZ - Blue Zero™
- S - SunSync®
- PH - Photochromic

POWER RANGE IS DETERMINED BY SHAMIR CERTIFIED BLANK RANGE PRISM TO 10 DIOPTERS IN EACH QUADRANT

⚠ **WARNING:** Polycarbonate lenses can expose you to chemicals including Bisphenol A (BPA) and 1,74 Index lenses can expose you to Methimazole, which are known to the State of California to cause birth defects or other reproductive harm. For more information go to: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Features & Benefits

- Easier adaptation for emerging presbyopes.
- Wide and clear far vision
- Comfortable reading area
- Full add obtained quickly

Why patients need it...

- Introduces them to progressive lenses
- Maximum viewing comfort throughout lens
- Economically priced





 	<b>Technologies</b> Product Classification: <b>EVERYDAY &gt; Progressive</b>	<b>Marking:</b> 
	<b>Minimum Fitting Heights:</b> 16mm	

Shamir **Genesis HD** introduces patients to a budget-friendly **Freeform®** lens design for any prescription.

The two fundamental technologies in Shamir **Genesis HD** are **EyePoint Technology®** and **Digital Freeform®**, which together improve peripheral vision and enhanced visual clarity in every visual zone.

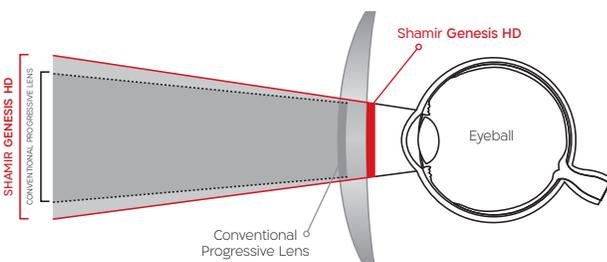
## Digital Freeform®

### Wider Fields of Vision

Shamir's **Freeform®** gives eye care professionals an opportunity to provide their patients with a back-surfaced lens at an affordable price.

**Freeform®** combined with **EyePoint Technology®** gives Shamir **Genesis HD** the ability to meet the wearer's unique vision requirements.

The back surface design widens the patient's field of view by 20% and eliminates unwanted astigmatism, swim and peripheral distortions, providing maximized vision.



## Technologies

### EyePoint Technology®

By analyzing data from over 3,600 points on each lens Shamir is able to create lenses that offer patients a more accurate and comfortable visual experience.

## Features & Benefits

- Wider Fields of Vision
- Reasonably Priced **Freeform®** Progressive

## Who It's For

Cost-conscious eyeglass wearers requiring wider fields of vision and comfort.

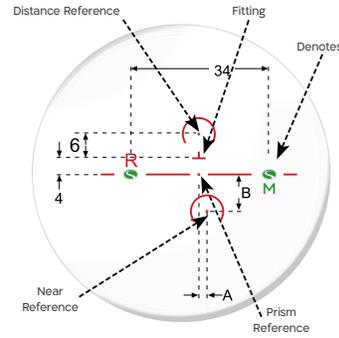
## How To Fit & Order Shamir Genesis HD

### Provide the following information:

- Patient Rx
- Fitting Height
- Monocular Distance PD
- Frame Measurements A/B/DBL&ED

\*It is strongly recommended that you provide all of the above mentioned measurements.

## Technical Information



Fitting Height	A* (see diagram)	B (see diagram)	M Invisible Marking (see diagram)
16mm	2	9	GHD

\* Inset affected by design and Near PD. Value listed is if no Near PD provided

Ink Marking: Red • Invisible Marking: Green

### Availability:

Material	Prescription Range [D]	Addition	Cylinder
1.50 Hard Resin (C,T,V,T,P,TX,D,S)	-6.00 to +6.00	0.75 to 3.50	to -4.0 [D]
Trivex™ (C,T,V,T,P,TX,N,BZ)	-6.00 to +6.00	+0.75 to +3.50	to -4.0 [D]
1.56 (B)	-6.00 to +6.00	+0.75 to +3.50	to -4.0 [D]
Polycarbonate 1.59 (C,T,V,T,B,P,TX,D,BZ,S)	-6.00 to +6.00	+0.75 to +3.50	to -4.0 [D]
1.60 (C,T,P,TX)	-6.00 to +6.00	+0.75 to +3.50	to -4.0 [D]
1.67 (C,T,P,TX,BZ,S)	-6.00 to +6.00	+0.75 to +3.50	to -4.0 [D]
1.74 (C,T)	-6.00 to +6.00	+0.75 to +3.50	to -4.0 [D]

#### LEGEND:

- C - Clear
- TV - Transitions® Vantage™
- T - Transitions®
- P - Polarized
- TX - Transitions® XTRActive™
- B - BluTech (Indoor & Outdoor)
- D - Drivewear®
- N - NXT™
- BZ - Blue Zero™
- S - SunSync®

POWER RANGE IS DETERMINED BY SHAMIR CERTIFIED BLANK RANGE PRISM TO 10 DIOPTERS IN EACH QUADRANT

**⚠ WARNING:** Polycarbonate lenses can expose you to chemicals including Bisphenol A (BPA) and 1.74 index lenses can expose you to Methimazole, which are known to the State of California to cause birth defects or other reproductive harm. For more information go to: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



SHAMIRLENS.COM 877.514.8330

TECHNICAL INQUIRIES 888.370.0736



<b>Technologies</b>    	Product Classification: <b>PLAY &gt; Progressive</b>	<b>Marking:</b> 
	<b>Minimum Fitting Heights:</b> 19mm	

### The Lens Design

Every golfer has his day... you know the day we're talking about. The sun was shining, the birds were chirping, your swing was powerful and exact, and the ball did everything you willed it to... you played the best game of your life. Now with Shamir **Golf™**, every day out on the green can be your best day!

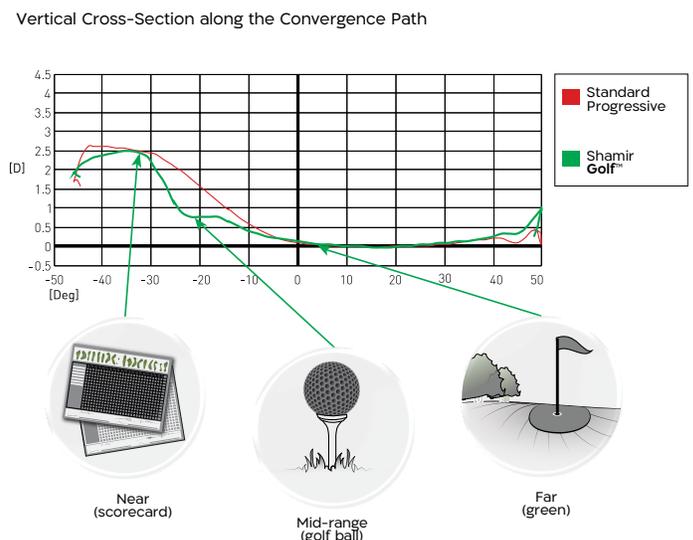
### Designed For Your Visual Sweet Spots.

Shamir **Golf™** is a **Freeform®** lens designed to ensure all your patients experience their perfect game. Unlike standard progressives, the three vision zones are specifically tailored to the needs of golfers to maximize their viewing: the scorecard in their hand, the ball at their feet and the green in the distance. Shamir **Golf™** provides sharp focus without distortion in these three crucial areas. And before we forget, it's the first Golf lens designed with a stable mid-range zone to ensure the ball on the ground can be seen clearly so your patients will enjoy more accuracy whether driving from the tee or using irons on the fairway.

### Who It's For

Avid golfers who need clear vision that doesn't disrupt their focus, or their game.

### One? Two? THREE Enhanced Vision Zones!



IntelliCorridor™ technology makes these enhanced vision zones possible! Learn more about IntelliCorridor™ below.

**As-Worn Technology™**

Perfect Vision For Any Frame Choice

With As-Worn Technology™, we use three different measurements to create a lens that's even better suited for the patient; with vertex distance, pantoscopic tilt and panoramic angle we can fine-tune the lens unlike ever before.

**EyePoint Technology™**

The Design Inside

EyePoint Technology® simulates the human eye in every angle, prescription, and field of vision. These techniques enable Shamir to create the most sophisticated progressive lens surfaces based upon thousands of points of data. It's this "design inside" that makes Shamir progressive lenses the most advanced in the world.

**IntelliCorridor™**

Unique Power Profile For Clearer Vision

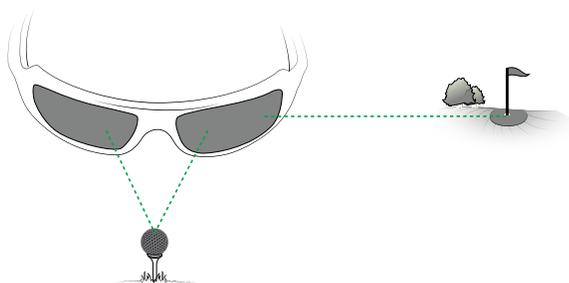
Makes it possible to customize lenses specifically to the patient's vision requirements. Optimizes the power in specific areas used for everyday and outdoor tasks, reducing the need to move head up and down.

## Why It's Important

A golfer's peripheral vision is extremely important when they are lining up to take a swing. They need to be able to focus on the ball at their feet and at the same time see where they want the ball to go in the distance. This is where they utilize their peripheral zone and need it to be crystal clear. Lucky for them, Shamir Golf™ is designed specifically for wraparound frames and has a clear peripheral vision zone so your patients can keep on improving their game.

Thanks to EyePoint Technology™, and As-Worn™ measurements, crystal clear vision on the course is made possible.

## The Secret is in the Peripheral Vision.



Take it from the experts who designed the first distortion-free solution for wrap frames, when it comes to providing those patients who enjoy spending time on the green with a progressive solution, Shamir Golf™ will give them the vision they need.

## Measurement Information

**As-Worn Technology™**

To get the maximum benefit from As-Worn Technology™, the actual measurements of the wearer should be included. (Vertex Distance - Fitted, Pantoscopic Tilt, Panoramic Angle). **The patient will benefit greatly from using their personal measurements, experiencing more precise and comfortable vision.**

If the As-Worn™ measurements are not included with the Shamir Golf™ order, the Shamir Prescripator Software® will use defaults. These defaults are based on averages.

## Default Measurements:

Vertex Distance: 13 mm  
Pantoscopic Tilt: 9°  
Panoramic Angle: 15°

## "As-Worn" measurements:

Vertex Distance: 5 to 30 mm  
Pantoscopic Tilt: -10° to 20°  
Panoramic Angle: 13° to 30°



/ShamirInsight



@Shamir\_Insight



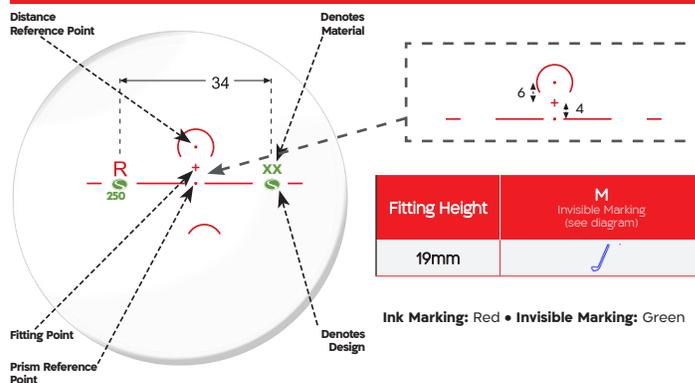
thevitaminsee.com



SHAMIRLENS.COM 877.514.8330

TECHNICAL INQUIRIES 888.370.0736

## Technical Information



## Availability:

Material	Power Range	Add Power	Cylinder
DLC™ Trivex™ (C,T,V,T7,P,TX,BZ)	-5.00 to +4.00	1.00 to 3.50	to -6.50
1.56 (C,P)	-5.50 to +5.25	1.00 to 3.50	to -6.75
1.6 SuperLite™ (C,T7,P,TX)	-6.00 to +5.25	1.00 to 3.50	to -7.00
Polycarbonate (C,T,V,T7,P,TX,D,BZ)	-6.00 to +5.25	1.00 to 3.50	to -7.00
NXT (PH)	-5.00 to +4.00	1.00 to 3.50	to -6.50

## LEGEND:

- C - Clear
- TV - Transitions® Vantage™
- T7 - Transitions® Signature7™
- P - Polarized
- TX - Transitions® XTRActive™
- B - BLUtech (Indoor & Outdoor)
- D - Drivewear®
- N - NXT™
- BZ - Blue Zero®
- S - SunSync®
- PH - Photochromic

POWER RANGE IS DETERMINED BY SHAMIR CERTIFIED BLANK RANGE PRISM TO 10 DIOPTERS IN EACH QUADRANT

**WARNING:** Polycarbonate lenses can expose you to chemicals including Bisphenol A (BPA) and 1,74 index lenses can expose you to Methimazole, which are known to the State of California to cause birth defects or other reproductive harm. For more information go to: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## Features &amp; Benefits

- Specialty lens designed specifically for the golf enthusiast
- Designed to ensure sharp vision at 3 crucial focal points
- Utilizes As-Worn Technology™ and EyePoint Technology®
- Provides the player with a more comfortable golfing experience
- Clear peripheral viewing
- Personalized to the patient
- Designed specifically for wrap frames

## How To Fit &amp; Order Shamir Golf™

## Provide the following information:

- Patient Rx
- Fitting Height
- Monocular Distance PD
- Panoramic Angle
- Pantoscopic Tilt
- Fitted Vertex Distance
- Frame Measurements A/B/DBL&ED

If the As-Worn™ measurements are not included with the order the Shamir Prescripator Software® will use defaults. Please see the measurements section for more details.

\*It is strongly recommended that you provide all of the above mentioned measurements.



  	<p>Technologies</p> <p>Product Classification: <b>EVERYDAY &gt; Progressive</b></p>	<p>Marking: <b>I</b></p>
	<p>Minimum Fitting Heights: 15mm, 18mm</p>	

### The Lens Design

An advanced and highly flexible everyday progressive lens designed to significantly improve visual clarity in the 15-to-27-inches digital device viewing zones. With a power profile uniquely optimized to eyeglass wearers' head, eye and hand postures, **InTouch™** delivers visual clarity in all vision zones. It additionally features specific, enhanced support for near, 15-to-27-inches digital device usage zones, facilitating both traditional book and computer display reading, and digital lifestyle-driven smartphone and tablet usage. The lens' extra soft design ensures easy transition among all viewing zones. In fact, patients will notice a quicker transition of add power in the intermediate zone (up to 25% quicker than standard progressives).



Digital handheld device viewing field afforded by traditional progressive lenses



Enhanced digital handheld device viewing field delivered by Shamir InTouch™

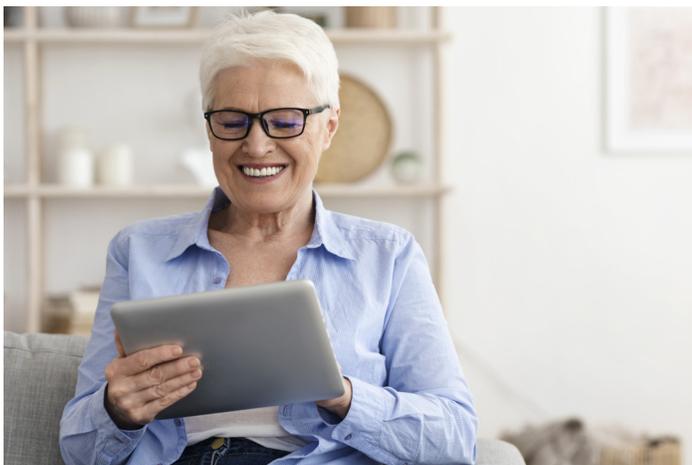
### Extra Viewing Comfort

It's important to explain why the add power in Shamir **InTouch™** starts quicker than in standard progressive designs. By looking at the millions of people holding their smartphones and tablets (along with some clinical studies), we found that handheld devices are held higher and closer (between 15" to 27") than a book would be. So, we designed Shamir **InTouch™** based off those findings, and people really like how it has increased comfort with their vision.

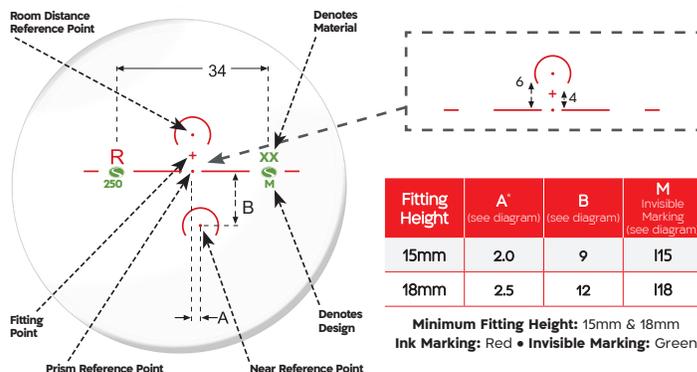
When compared with standard progressive lenses, Shamir **InTouch™** offers up to a 22% broader reading area with full addition, and up to a 21% wider intermediate area, thereby offering extra viewing comfort for handheld digital devices while still providing visual clarity for everyday use.

### Who It's For:

Eyeglass wearers with modern lifestyles, who frequently use digital devices and expect the highest visual comfort.



## Technical Information



## Technologies



### EyePoint Technology™

By analyzing data from over 3,600 points on each lens Shamir is able to create lenses that offer patients a more accurate and comfortable visual experience.



### Intellicorridor™

#### Unique Power Profile For Clearer Vision

This technology allows Shamir's designers to control the power profile of the lens, giving variable emphasis to the power for every given point on the lens. Shamir. **InTouch™** is therefore optimally suited to meet the visual needs of today's modern lifestyles that include frequent use of digital devices, without compromising on optimal viewing comfort for every visual range and activity.

## How To Fit & Order Shamir InTouch™

### Provide the following information:

- Patient Rx
- Fitting Height
- Monocular Distance PD
- Frame Measurements A/B/DBL&ED

\*It is strongly recommended that you provide all of the above mentioned measurements.

### Availability:

Material	Prescription Range [D]	Addition
1.50 Hard Resin (C,T,V,T,P,TX,D)	-12.25 to +6.00	0.75 to 3.50
DLC™ Trivex™ (C,T,P,TX,BZ)	-13.25 to +6.00	0.75 to 3.50
1.56 (C,B)	-14.00 to +6.00	0.75 to 3.50
1.6 SuperLite™ (C,T,P,TX)	-15.00 to +6.00	0.75 to 3.50
1.67 SuperLite™ (C,T,P,TX,BZ)	-16.75 to +8.00	0.75 to 3.50
Polycarbonate (C,T,V,T,P,TX,D,BZ)	-14.75 to +6.00	0.75 to 3.50
1.74 SuperLite™ (C,T)	-18.75 to +15.50	0.75 to 3.50

#### LEGEND:

- C-Clear
- T-Transitions®
- PH-Photochromic
- P-Polarized
- BZ-Blue Zero™
- TV-Transitions® Vantage™
- TX-XTRActive™
- B-BluTech (Indoor & Outdoor)
- D-Drivewear

POWER RANGE IS DETERMINED BY SHAMIR CERTIFIED BLANK RANGE PRISM TO 10 DIOPTERS IN EACH QUADRANT

**⚠ WARNING:** Polycarbonate lenses can expose you to chemicals including Bisphenol A (BPA) and 1.74 index lenses can expose you to Methimazole, which are known to the State of California to cause birth defects or other reproductive harm. For more information go to: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## Features & Benefits

- Add power appears 25% quicker, providing more comfortable vision in the 15" - 27" reading zone
- 22% broader reading area
- 21% wider intermediate area
- Progressive solution for regular usage of digital devices
- Unprecedented support for near zone computer and handheld digital device viewing
- High visual clarity in all vision zones
- Seamless transition among vision zones
- Everyday PAL designed for frequent tablet and smartphone use
- More comfortable viewing than before
- Increased visual acuity for smartphones and tablet screens





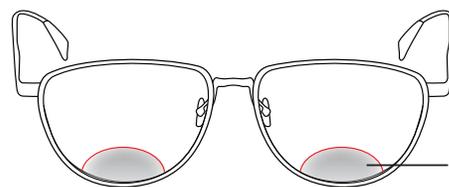
 	<b>Technologies</b> Product Classification: <b>EVERYDAY &gt; SV</b>	<b>Marking:</b> <b>RLX</b> <b>RLX5</b> <b>RLX8</b>
	<b>Minimum Fitting Heights:</b> 14mm	

An advanced single vision lens available in three variants precisely personalized to the visual requirements of the individual eyeglass wearer, and featuring an extra bit of power in its lower surface area for added visual comfort in the 15-to-27-inches digital display viewing zones. Shamir **Relax™** provides single vision eyeglass wearers – including those not specifically requiring corrective lenses – with a bit of extra power in its lower area. The lens makes close and intermediate viewing tasks easier, and specifically helps overcome the vision and constant focusing challenges typical to continuous use of digital displays.

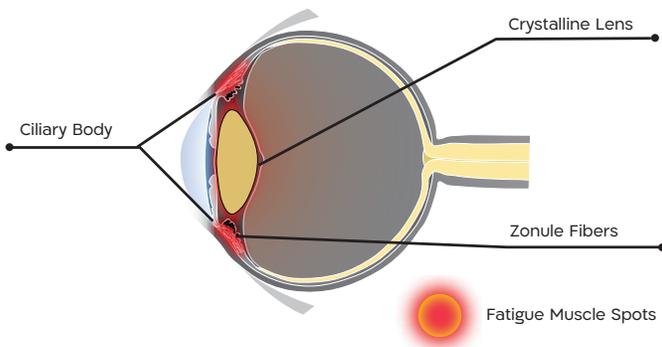
As its name implies, Shamir **Relax™** provides relief and helps eyeglass wearers do exactly that – relax, and enjoy greatly minimized eye dryness and fatigue, tearing, headaches and blurry vision at the end of long days in front of computer and digital device screens.

### Conquer Fatigue By Adding Energy To Your Day.

Shamir **Relax™** has a gentle increase in power in the lower part of the lens; it's a small enough amount to allow for clear distance vision, and just enough power to relieve eye strain. Because the power is so slight, Shamir **Relax™** is the perfect replacement for your patients standard single vision lenses. By utilizing Shamir **Relax™**, your patients lens accommodations will be reduced by up to 30%. This single vision lens provides your patients a fatigue relief solution without distortion or swim, all wrapped up in a **Freeform®** design.



Shamir **Relax™** provides the perfect amount of power to ease eye strain.



### Who It's For

Eyeglass wearers requiring clear vision and dedicated support for frequent use of personal computers.

Shamir's new **Relax™** lenses will feature two new powers, that will provide a customized lens for any single vision wearer. The new **Relax™** is highly recommended for anyone, with or without binocular vision issues, who experience eyestrain or end-of-day eye fatigue.

## Technologies



### EyePoint Technology®

By analyzing data from over 3,600 points on each lens Shamir is able to create lenses that offer patients a more accurate and comfortable visual experience.

## How To Fit & Order Shamir Relax®

### Provide the following information:

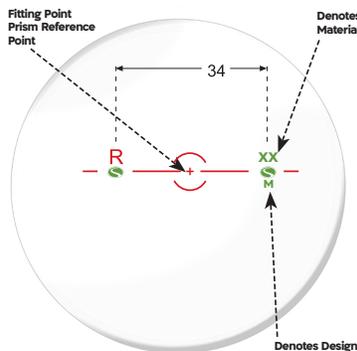
- Patient Rx
- Fitting Height
- Monocular Distance PD
- Frame Measurements A/B/DBL & ED

\*It is strongly recommended that you provide all of the above mentioned measurements.

## Features & Benefits

- High personalization, with lenses customized to eyeglass wearers' visual requirements
- The broadest possible fields of clear vision
- Unprecedented support for comfortable digital handheld device and computer viewing
- Greatly reduced eye strain and fatigue

## Technical Information



Version	M Invisible Marking (see diagram)
Relax™ 65	RLX
Relax™ 50	RLX5
Relax™ 80	RLX8

Ink Marking: Red • Invisible Marking: Green

### Availability:

Material	Prescription Range [D]	Cylinder
<b>1.50 Hard Resin</b> (C,T,V,T,P,TX,D,S)	-14.00 to +6.25	to -6.0 [D]
<b>1.53 Trivex™</b> (C,T,V,T,P,TX,N,BZ,S)	-14.00 to +8.00	to -6.5 [D]
<b>1.56</b> (B)	-14.00 to +8.50	to -6.75 [D]
<b>1.59 Polycarbonate</b> (C,T,V,T,B,P,TX,D,BZ,S)	-14.00 to +8.75	to -7.0 [D]
<b>1.60</b> (C,T,P,TX)	-14.00 to +8.75	to -7.0 [D]
<b>1.67</b> (C,T,P,TX,BZ,S)	-16.75 to +16.00	to -8.0 [D]
<b>1.74</b> (C,T)	-20.00 to +13.50	to -9.00 [D]

### LEGEND:

- C - Clear
- TX - Transitions® XTRActive™
- BZ - Blue Zero™
- TV - Transitions® Vantage™
- B - BluTech (Indoor & Outdoor)
- S - SunSync®
- T - Transitions®
- D - Drivewear®
- P - Polarized
- N - NXT™

POWER RANGE IS DETERMINED BY SHAMIR CERTIFIED BLANK RANGE PRISM TO 10 DIOPTERS IN EACH QUADRANT

**⚠ WARNING:** Polycarbonate lenses can expose you to chemicals including Bisphenol A (BPA) and 1.74 index lenses can expose you to Methimazole, which are known to the State of California to cause birth defects or other reproductive harm. For more information go to: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



SHAMIRLENS.COM 877.514.8330

TECHNICAL INQUIRIES 888.370.0736



  	<p>Technologies</p>	<p>Product Classification: EVERYDAY &gt; Progressive</p>	<p>Marking: <b>SP+</b></p>
	<p>Minimum Fitting Heights: 14mm, 16mm, 18mm</p>		

## The Lens Design

**Spectrum+™** is a progressive lens that delivers a sharp and comfortable visual experience, with broad near reading zones, and strong personalization to customers' individual reading posture.

## Elevating Comfort with an Everyday Progressive

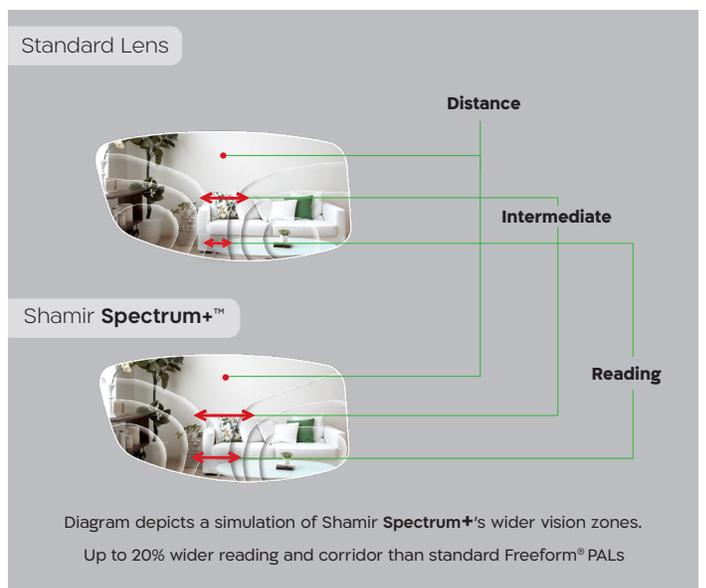
Shamir **Spectrum+™** is more than a standard everyday progressive solution. It is an ergonomic everyday lens that delivers improved visual experience in both near and far vision zones. It features Shamir's unique Natural Posture technology, which helps overcome traditional progressive lens limitations to accommodate eyeglass wearers' most natural viewing posture, especially during activities such as reading. The technology effectively reduces the need to tilt one's head forward or back, or lower or raise objects to achieve convenient viewing, all while optimally accounting for positive or negative power adjustments.

**Shamir Spectrum+™ - Featuring Natural Posture™ Technology**

<p>Progressive Without Natural Posture™</p>  <p>Improper Posture Causing Discomfort</p>	<p>Shamir Spectrum+™</p>  <p>Natural Ergonomic Posture</p>
--	---

Shamir **Spectrum+™** features a wider reading area and corridor, when compared to standard progressive lenses, to provide patients with more comfortable visual zones.

In addition to the increased reading and corridor widths, Shamir **Spectrum+™** has been designed to be more stable compared to standard PALs. Increased stability in the far vision zone allows for crisp, sharp vision at the 180° and up.



## Who It's For

Cost-conscious eyeglass wearers requiring visual clarity and comfort across all zones, and specifically when reading, or focusing on other nearby, non-digital objects.

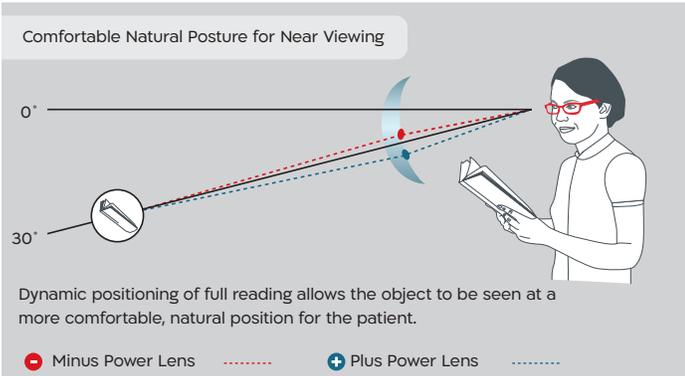


**Natural Posture™**

**Comfort Technology**

The near viewing zone in Shamir Spectrum+™ is dynamically located within the lens corridor, taking into account the plus or minus power of the prescription. This reduces the need to tilt the head forwards or backwards or alternatively to lower or raise a book when reading to find the right viewing distance and angle. Any discomfort within their posture is thereby minimized and patients are ensured a comfortably natural posture during near viewing.

Natural Posture™ will help patients by minimizing neck and shoulder discomfort and allowing for a natural posture while reading.



**EyePoint Technology™**

By analyzing data from over 3,600 points on each lens Shamir is able to create lenses that offer patients a more accurate and comfortable visual experience.

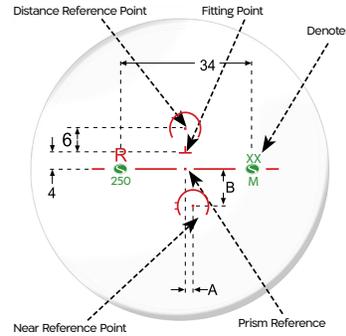
**How to Fit & Order Shamir Spectrum+™**

**Provide the following information:**

- Patient Rx
- Fitting Height
- Monocular Distance PD
- Frame Measurements A/B/DBL&ED

\*It is strongly recommended that you provide all of the above mentioned measurements.

**Technical Information**



Fitting Height	A* (see diagram)	B (see diagram)	M Invisible Marking (see diagram)
14mm	2	7.5	SP+14
16mm	2	9.5	SP+16
18mm	2.5	11	SP+18

\*Inset affected by design and Near PD. Value listed is if no Near PD provided

Ink Marking: Red • Invisible Marking: Green

**Availability:**

Material	Prescription Range [D]	Addition	Cylinder
1.50 Hard Resin (C,T,V,T,P,TX,D)	-12.25 to +6.00	0.75 to 3.50	to -6.0 [D]
DLC™ Trivex™ (C,T,P,TX,BZ)	-13.25 to +6.00	0.75 to 3.50	to -6.5 [D]
NXT™ (PH)	-1.75 to +6.00	0.75 to 3.50	to -6.5 [D]
1.56 (B)	-14.00 to +6.00	0.75 to 3.50	to -6.75 [D]
1.6 SuperLite™ (C,T,P,TX)	-15.00 to +6.00	0.75 to 3.50	to -7.0 [D]
1.67 SuperLite™ (C,T,P,TX,BZ)	-16.75 to +8.00	0.75 to 3.50	to -8.0 [D]
Polycarbonate (C,T,V,T,P,TX,D,BZ)	-14.75 to +6.00	0.75 to 3.50	to -7.0 [D]
1.74 SuperLite™ (C,T)	-18.75 to +11.50	0.75 to 3.50	to -9.0 [D]

**LEGEND:**

- C - Clear
- TV - Transitions® Vantage™
- T - Transitions®™
- P - Polarized
- TX - Transitions® XTRActive™
- B - BluTech (Indoor & Outdoor)
- D - Drivewear®
- N - NXT™
- BZ - Blue Zero™
- S - SunSync®
- PH - Photochromic

POWER RANGE IS DETERMINED BY SHAMIR CERTIFIED BLANK RANGE PRISM TO 10 DIOPTERS IN EACH QUADRANT

**⚠ WARNING:** Polycarbonate lenses can expose you to chemicals including Bisphenol A (BPA) and 1.74 index lenses can expose you to Methimazole, which are known to the State of California to cause birth defects or other reproductive harm. For more information go to: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

The original Spectrum™ is still available. Spectrum™ does not have Natural Posture™ technology.

**Features & Benefits**

Honing in on benefits are key when lenses provide physical assistance to a problem patients may not understand they suffer from.

- High near vision clarity, with viewing zones 20% broader than those of standard progressives
- Unprecedented comfort, with near viewing zone optimally positioned for natural reading posture
- Enhanced far vision with lens design stability by exceeding that of traditional progressive lenses
- Backside digital freeform
- Specifically for non-digital devices - great for reading, knitting, or even crossword puzzles
- The reading area is optimally positioned, so you'll enjoy a more natural posture
- Constant, clear focus regardless of transitioning from near to intermediate view





# Spectrum™ SV

The Introductory Freeform® Single Vision Lens



	Product Classification: <b>EVERYDAY &gt; Single Vision</b>	Marking: <b>FF</b>
	Minimum Fitting Height: <b>NONE &gt; Fitting height still required</b>	

## The Lens Design

Consumers today want the latest and greatest gizmos on the market. From tablet PC's and cell phones to shoes that shape your glutes and blankets with sleeves - products utilizing the newest technologies are what everyone wants. With this in mind, why put your single vision patients in "old" technology when you can give them Shamir **Spectrum – Single Vision™**?

## Perfect For Non-Early Adopters

Shamir **Spectrum – Single Vision™** introduces patients to the world of Freeform®. While we do offer a fully personalized single vision lens in the Shamir **Autograph II – Single Vision™**, some patients just aren't ready to take the leap into something so revolutionary... for those "non-early adopters" there's Shamir **Spectrum – Single Vision™**. Shamir **Spectrum – Single Vision™** provides patients a technologically advanced single vision lens that delivers a precise Rx at a price that fits any budget.

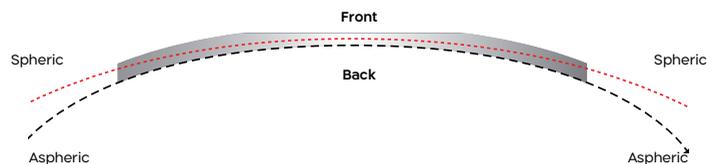
## Who It's For

Cost-conscious single vision eyeglass wearers requiring visual clarity and comfort across all zones, and specifically when reading, or focusing on other nearby, non-digital objects.

## Sweeping Up The Competition Single Handedly

Shamir **Spectrum – Single Vision™** provides your patients with clear, crisp vision all with an aspheric/atoric back-side. Aspheric/atoric lenses can be lighter due to decreased center thickness, and for those high plus patients, an aspheric/atoric lens means better clarity because of minimized off-center errors. What does this really mean for single vision patients? Increased visual acuity and an accurate Rx made specifically for them.

### The Backside Explains It All.





EyePoint Technology®

By analyzing data from over 3,600 points on each lens Shamir is able to create lenses that offer patients a more accurate and comfortable visual experience.

How to Fit & Order Shamir Spectrum™ SV

Provide the following information:

- Patient Rx
- Fitting Height
- Monocular Distance PD
- Frame Measurements A/B/DBL&ED

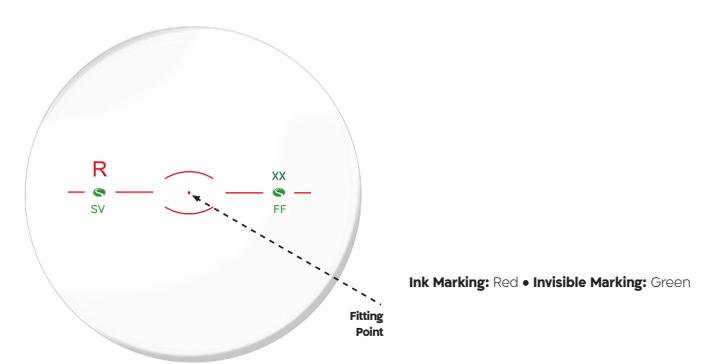
\*It is strongly recommended that you provide all of the above mentioned measurements.

Features & Benefits

Honing in on benefits are key when lenses provide physical assistance to a problem patients may not understand they suffer from.

- Aspheric/atoric back-surface
- Priced to fit almost any budget
- Designed with EyePoint Technology™

Technical Information



Ink Marking: Red • Invisible Marking: Green

Availability:

Material	Prescription Range [D]	Cylinder
1.50 Hard Resin (C,T,V,T,P,TX,D)	-12.00 to +6.00	to -6.0 [D]
DLC™ Trivex™ (C,T,P,TX,BZ,N)	-14.25 to +7.50	to -6.5 [D]
1.56 (B)	-14.00 to +8.50	to -6.75 [D]
1.6 SuperLite™ (C,T,P,TX)	-14.00 to +6.00	to -7.0 [D]
1.67 SuperLite™ (C,T,P,TX,BZ)	-16.00 to +16.00	to -8.0 [D]
Polycarbonate (C,T,V,T,P,TX,D,BZ)	-14.00 to +8.75	to -7.0 [D]
1.74 SuperLite™ (C,T)	-20.00 to +12.50	to -9.0 [D]

LEGEND:

- C - Clear
- TV - Transitions® Vantage®
- T - Transitions®™
- P - Polarized
- TX - Transitions® XTRActive™
- B - BluTech (Indoor & Outdoor)
- D - Drivewear®
- N - NXT™
- BZ - Blue Zero®
- S - SunSync®
- PH - Photochromic

POWER RANGE IS DETERMINED BY SHAMIR CERTIFIED BLANK RANGE PRISM TO 10 DIOPTERS IN EACH QUADRANT

⚠ **WARNING:** Polycarbonate lenses can expose you to chemicals including Bisphenol A (BPA) and 1.74 index lenses can expose you to Methimazole, which are known to the State of California to cause birth defects or other reproductive harm. For more information go to: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



/ShamirInsight



thevitaminsee.com



@Shamir\_Insight



SHAMIRLENS.COM 877.514.8330

TECHNICAL INQUIRIES 888.370.0736