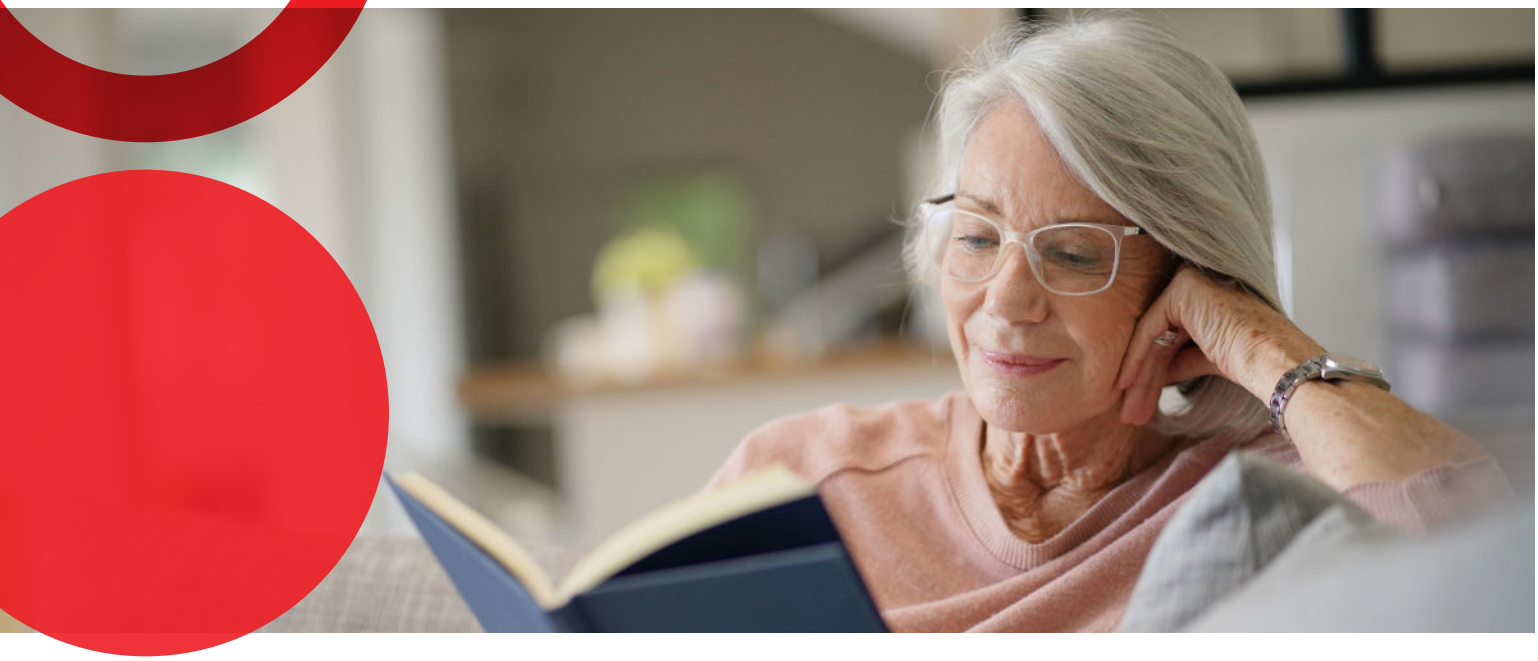
shamir

Spectrum+™

Everyday Lenses Enhanced for Comfortable Reading



Technologies	Product Classification:	Marking:
Freeform® PAL; EPT EyePoint Technology™; Natural Posture™	EVERYDAY > Progressive	SP+
	Minimum Fitting Heights: 14mm, 16mm, 18mm	

The Lens Design

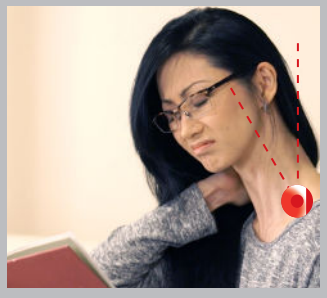
Spectrum+™ is a progressive lens that delivers a sharp and comfortable visual experience, with broad near reading zones, and strong personalization to customers' individual reading posture.

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.

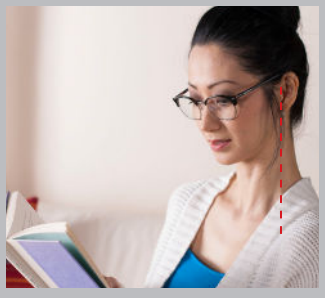
Shamir **Spectrum+™ -** Featuring Natural Posture™ Technology

Progressive Without Natural Posture™



Improper Posture Causing Discomfort

Shamir **Spectrum+™**



Natural Ergonomic Posture

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 180º and up.

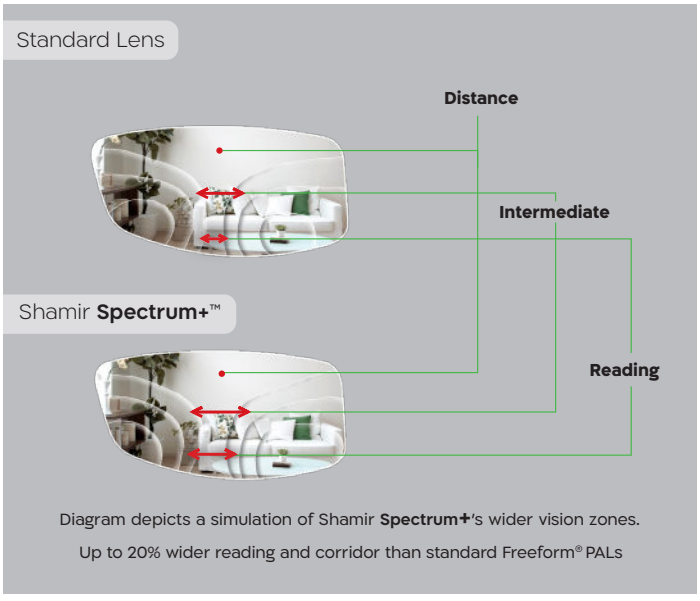


Diagram depicts a simulation of Shamir **Spectrum+**'s wider vision zones.

Up to 20% wider reading and corridor than standard Freeform® PALs

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.

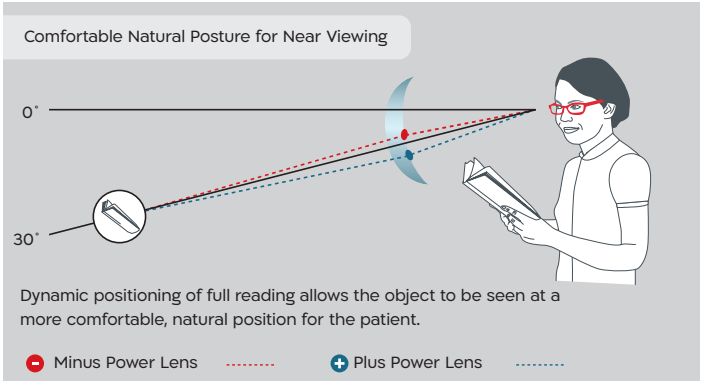
Spectrum+™

Advanced Technology

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®

EPT

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.

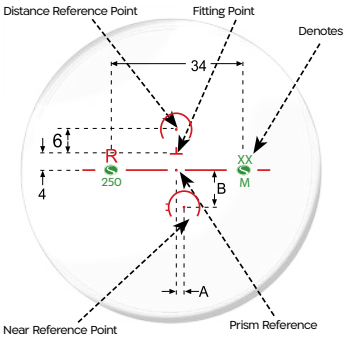
How to Fit & Order Shamir **Spectrum+™**

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 P.D. 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,TV,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,TV,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.*

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