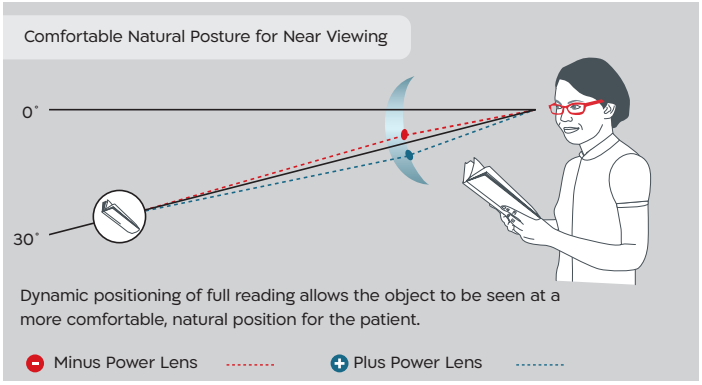
Spectrum+™

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®
The Design Inside

EyePoint Technology® simulates the human eye in every angle, prescription, and field of vision.

These techniques enable Shamir to create a sophisticated progressive lens surface based upon thousands of points of data. It's this "design inside" that makes Shamir progressive lenses the most advanced in the world. **EyePoint Technology®** can simulate exactly how the human eye will see through the lens and then calculate the optical performance of thousands of locations covering the lens surface, taking into account the following parameters:

- Lens index refraction
- Lens prescription
- Lens center thickness
- Distance from the eye to the back vertex of the lens
- Distance from the lens to the object
- Pantoscopic tilt of the frame
- Pupil distance
- Thickness reduction prism
- Angular position of the object in the eye's field of vision

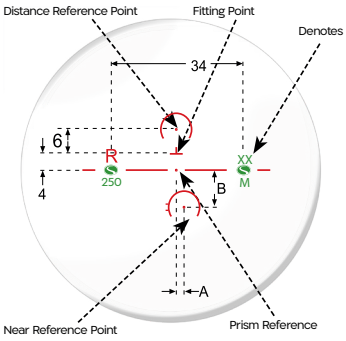
How to Fit & Order Shamir **Spectrum+™**

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