# Element™

## 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®

**The Design Inside**

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

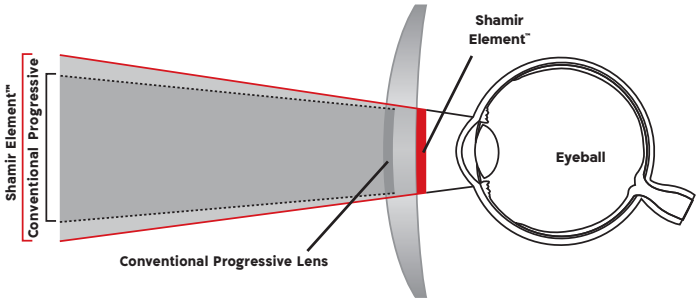
These techniques enable Shamir to create a sophisticated progressive lens surface based upon thousands of points of data. It's this "design inside" that makes Shamir progressive lenses the most advanced in the world. **EyePoint Technology**® can simulate exactly how the human eye will see through the 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

## ZZZ

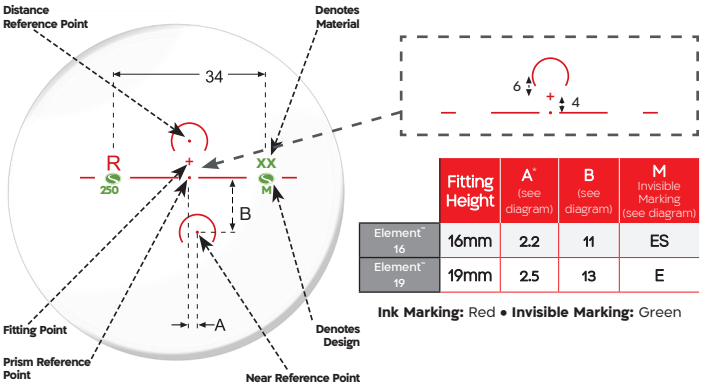
Shamir **Element**™ is a **Freeform**® design, which means the design and the patient's Rx are on the back of the lens, ultimately providing wider fields of vision. Our easy access diagram below explains everything.

**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




| | Fitting Height | A (see diagram) | B (see diagram) | M Invisible Marking (see diagram) |
|---|---|---|---|---|
| Element™ 16 | 16mm | 2.2 | 11 | ES |
| Element™ 19 | 19mm | 2.5 | 13 | E |

**Ink Marking:** Red • **Invisible Marking:** Green

### Availability:

| Material | Prescription Range [D] | Addition | Cylinder |
|---|---|---|---|
| 1.50 Hard Resin (C,TV,T,P,TX,D,) | -7.00 to +4.00 | 0.75 to 3.50 | to -6.0 [D] |
| DLC™ Trivex™ (C,TV,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,TV,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.*

## 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.

SHA-FLY-EL-091020

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