

Coatings

Shamir Glacier Plus UV

A comprehensive coating with UV protection and high durability. Hydro and oleophobic.

Shamir Glacier Achromatic UV

An achromatic coating with UV protection that is bloom free with high durability. Hydro and oleophobic.

Shamir Glacier+ UV IR

A coating that combines UV protection with Infra Red protection with high durability. Hydro and oleophobic.

Shamir Glacier Sun UV

A coating designed for sunwear with UV protection that is bloom free with high durability. Hydro and oleophobic.

Shamir Power Mirrors

A coating designed for sunwear with a range of 6 high density and highly reflective fashionable colours. The power mirrors have high durability and are Hydro and oleophobic. Colours available; Silver, Gold, Green, Blue, Red and Orange.

Shamir Special Material

Shamir Blue-Zero

A material based on a polymer formula with built in protection against harm from blue light which also provides effective UV protection. Available from 1.5 index to 1.67.

Free Form Plastic Single Vision

Shamir Smart SV and Shamir Smart SV As Worn

Shamir Smart SV is a freeform back surface aspheric single vision design that is extremely high performing. The maximum prism is 10Δ. The Shamir Smart SV As Worn utilises Shamir's As Worn Technology for a highly customised solution using the pantoscopic angle, back vertex distance and face form angle mono PDs, fitting heights and frame data.

Shamir Smart Attitude S/V

Shamir Smart Attitude is a freeform back surface aspheric single vision design that is designed for frames with curved lenses. The ordering parameters require mono PDs, fitting heights and frame data. The maximum Max 7.00 prism is 10^A. The lens utilises Shamir's As Worn Technology for a highly customised solution using the pantoscopic angle, back vertex distance and face form angle.

Free Form Plastic Bifocal

Shamir Duo

This freeform produced lens has surface continuity eliminating the traditional visible segment line, it also offers optical continuity, eliminating the image jump associated with conventional bifocal lenses. It is available in a variety of materials. When ordering this lens the following measurements are required. Mono Distance Pd, Fitting height (measured from the center of the pupil to the lower rim of the frame), Frame data: A, B, ED and DBL. Frame type. The Shamir Duo fitting point should coincide with the center of the pupil using the invisible markings for verification just like progressive lenses. The minimum fitting height for Shamir Duo is 15mm.

Free Form Plastic Progressive

Shamir Genesis Plus and Piccolo Plus

These lenses are freeform back surface progressive addition versions following the design of the popular but now discontinued conventionally surfaced Genesis and Piccolo lenses. The Genesis Plus requires a minimum fitting height of 19mm and the Piccolo Plus a minimum fitting height of 16mm. The fitting cross is 4 mm above the horizontal locators. The maximum prism is 5^Δ

Shamir FirstPAL

Shamir FirstPAL is aimed at patients between 38 - 44 years and is available with low additions giving a wide reading area.

Shamir Autograph III

The premium fully individualised back surface, freeform progressive with an optimised design using Eye Point Technology. This lens is offered either with fixed corridor lengths giving minimum fitting heights of 11, 13, 15 or 18mm or alternatively with variable corridor from 11 upwards. Available with Max Prism to 10 and Adds to +4D. Preferably, supply the lens shape if a frame is not enclosed with the order. The lens order requires all of the individualised measurements and the lenses will be supplied with measured powers.

Shamir Autograph

Back surface, freeform progressive with an optimised design. Minimum fitting heights 16mm for the short corridor and 19mm for the standard corridor. Requires mono PDs, fitting height (R and L, where different), frame box measurements (length, depth and DBL). Preferably, supply the lens shape if a frame is not enclosed with the order.

Shamir Autograph Plus

Back surface, freeform progressive with an advanced optimised design based on the Autograph. Minimum fitting heights 14mm, 16mm and 19mm. Requires mono PDs, fitting height (R and L, where different), frame box measurements.

Shamir Autograph InTouch and As-Worn

Shamir has developed Autograph InTouch in order to provide optimal viewing comfort for every visual range and activity with special attention on comfortable sharp focus in the 40cm to 70cm range needed for viewing today's handheld technology. The optical power profile is optimised to the wearer's specific head-eye-hand position during the use of mobile phones and other handheld digital devices, offering up to 25% more addition power than Autograph Plus in the 40cm to 70cm range. Minimum fitting heights from 15mm and 18mm. Requires mono PDs, fitting height (R and L, where different), frame box measurements.

Shamir Autograph Intelligence

Freeform progressive with a continuous lens design utilising 12 unique design concepts. Minimum fitting heights from 11mm but variable as required. Fixed fitting heights available at 11mm, 13mm, 15mm and 18mm. Glacier Plus UV coating as standard.

Free Form S/V Lifestyle

Shamir Golf Single Vision

Freeform individualised single vision lens utilising Shamir's As-Worn technology especially optimised for wrapped frames. Requires mono PDs, fitting height (R and L, where different), frame box measurements. Ordering parameters require pantoscopic tilt, face form angle and back vertex distance. Available with fixed tints and NXT Sunlenses in Trivex 1.53 material and standard tints and Transitions VII brown/grey in other materials.

Shamir Attitude III SV

Freeform individualised single vision lens utilising Shamir's As-Worn technology especially optimised for wrapped frames. Requires mono PDs, fitting height (R and L, where different), frame box measurements. Ordering parameters require pantoscopic tilt, face form angle and back vertex distance. Available with fixed tints and NXT Sunlenses in Trivex 1.53 material and standard tints and Transitions VII brown/grey and green in other materials.

Free Form S/V & Progressive For Children

Shamir Cool

The innovative Shamir Cool family of Freeform lens designs has been specially designed to meet the needs of active children. Solving just about any vision challenge, Shamir Cool enables children to enjoy outdoor play and participate in sports, without compromising on visual acuity or safety. Shamir Cool PAL has been developed specifically to address the challenges associated with dispensing lenses to children with eye deviations such as accommodative squinting. Studies conducted by senior Israeli ophthalmologists and specialists worldwide confirm progressive lenses provide the ideal solution to reducing near-point stress because the focus automatically adjusts to the viewing distance, making it easier to control the squint. This short corridor freeform lens design allows quick and easy access to the near vision zone to promote natural posture and support the accommodative effort whilst maintaining peripheral performance, reducing swim and ensuring quick and easy adaptation. Shamir Cool PAL provides a smooth transition from far to near with no vertical jump or cosmetic disadvantages associated with bifocal lens wear. Having two corridor lengths available with minimum fitting heights of 13 & 16mm, Shamir Cool PAL is suitable for use in most children's frames.

Free Form Progressive Lifestyle

Shamir Attitude III Sport

Freeform individualised progressive utilising Shamir's As-Worn technology especially optimised for wrapped frames. Minimum fitting heights of 18mm. Requires mono PDs, fitting height (R and L, where different), frame box measurements. Ordering parameters require pantoscopic tilt, face form angle and back vertex distance.

Shamir Attitude III Fashion

Freeform individualised progressive utilising Shamir's As-Worn technology especially optimised for wrapped frames. Minimum fitting heights 15 or 18mm. Requires mono PDs, fitting height (R and L, where different), frame box measurements. Ordering parameters require pantoscopic tilt, face form angle and back vertex distance. Available with fixed tints and NXT Sunlenses in Trivex 1.53 material and standard tints and Transitions VII brown/grey in other materials.

Shamir Golf Progressive

Freeform individualised progressive utilising Shamir's As-Worn technology especially optimised for wrapped frames. Minimum fitting heights 19mm. Requires mono PDs, fitting height (R and L, where different), frame box measurements. Ordering parameters require pantoscopic tilt, face form angle and back vertex distance. Available with fixed tints and NXT Sunlenses in Trivex 1.53 material and standard tints and Transitions VII brown/grey in other materials.

After studying the eye movements of golfers, Shamir's development team identified 3 vital areas of focus: close (filling in the score card), mid range (looking down at the ball) and far (viewing the distant green). Shamir have optimised the design of the Golf progressive to maximise on the fact that golfers make more than average use of their peripheral field of vision and back down to the ball.

Plastic Vocational Lenses

Shamir Office

Order with the Near Vision Power and state which power reduction is required in the progression: 0.75, 1.25, 1.75 or 2.25. Select the power modulation according to the Age and the Near Add in the table below. Ensure that there is a minimum of 13mm above and 16mm below the pupil centre to the rim. The fitting cross is placed at the pupil centre with the eye in the primary position.

| Near Add | Degression |
|-------------|------------|
| 0.75 - 1.25 | 0.75 |
| 1.25 - 1.75 | 1.25 |
| 1.75 - 2.00 | 1.75 |
| 2.25 - 3.50 | 2.25 |

Free Form Plastic Vocational Lenses

Shamir Smart Office

Premium occupational freeform lens personalised to the individuals occupational needs. It has a customised back surface accurate to 0.01D. The ordering parameters include Rx + Addition, Mono PDs, fitting height, occupational radius, work position standing or sitting, eye level (above/at or below) and the frame data. Availability relates to total near vision power. Shamir calculate a personal degression power suitable for each individual wearer based on this supplied data. This ranges from 0.75 - 2.25.

Shamir Computer & Shamir Workspace

Advanced occupational freeform lens personalised to the individuals occupational needs. It has a customised back surface accurate to 0.01D. The ordering parameters include Rx + Addition, Mono Pds, fitting height, and the frame data. Indicate also Computer or Workspace. Shamir Computer has an optimal depth of field up to 1.5m and Workspace up to 3m. Availability relates to total near vision power. Minimum fitting height is 14mm.

Low Addition Lenses

New Shamir Relax

The Shamir Relax was launched in 2012 especially designed for pre presbyopic adults where demands on eyes are great for high usage of screens, tablets, mobile phones etc. Shamir Relax was aimed at patients aged 28 - 38 and had an added reading power of +0.65D in the lower lens area. The new Shamir Relax now has three different power options for ages 18 - 29 there is +0.50D, 30 - 39 there is +0.65D and 40 - 45 there is +0.80D