

YOUR DESIRE OUR MISSION



Mastering Excellence: Your Premier Lab Partner

SWISSCOAT®
Better Vision

COMPANY BACKGROUND

Company Brief

Established in 1989, Swiss Lens Laboratory (HK) Limited has thrived through over three decades of sustained development, emerging as a premier comprehensive Rx Lens laboratory dedicated to offering a full range of lens products and services. Over these years, we've built a robust, committed workforce, an experienced management team, and a mature, efficient logistics system that operates round the clock, ensuring the prompt delivery of top-quality Rx lens services to all our customers.

Our formidable research and development team, along with the SWISSCOAT team and our skilled labor force, are all professionally trained experts in lens technology and production. We pride ourselves on providing the most extensive selection of Rx lens products and services in the market, including a specialized portfolio for the Low Vision sector. Our laboratory is strategically situated in a new 200,000 square foot facility within a state-of-the-art industrial area. Currently, we boast a daily Rx production capacity of 10,000 pieces, a testament to our efficiency and commitment to excellence.



200,000 Square feet Rx Production Site



ASPAC Head Office



SWISSCOAT

ONE STOP SOLUTION

THE TOUCH OF EXCELLENCE

Your local lens partner in the global market.



Production Factory



1. Auto Blocking



2. Auto Generating



3. Auto Laser Marking



4. AR Polishing



5. AR De-Blocking



6. Hard Coating



7. AR Coating



8. Auto Checking



9. Stamping



10. Auto Edging



Precision Rx

SWISSCOAT ADOPTS STATE-OF-THE-ART PRECISION TECHNOLOGY IN LENS MAKING

Optimal Fit
Technology

Optics Solution
Technology

Advanced Lens
Coating Technology

All our lens products are designed and created out of innovation

We understand that all our customers, of diverse background and lifestyle needs, would have different corrective eyewear needs. Our dedication to provide a comfortable vision experience begins at the technology. As a lens specialist, we offer the right solution for glasses wearers with precisely crafted lenses that are packed with features.

Every SWISSCOAT lens product is carefully crafted with unique state-of-the art Precision Technology - each and every pair of lenses is customized to answer to the individual eyewear needs of our customers. Whether you are looking for single vision lenses, progressive lenses, or lenses with special protection functions, SWISSCOAT always has the right solution.

The strength of our precision lies in 5 core areas that we have carefully refined over the years.



Optics Solution
Technology



Optimal Fit
Technology



Advanced Surface
Coating Technology



Production Engineering
Technology



System Engineering
Technology



SINGLE VISION
KIDS SPOR

SMART EVOLUTION

LENS TYPE

Precision
Young People
Action

SWISSCOAT LENS

Myopia Monitoring

Defocus Lensiet 881

MyoStar

Partition Defocus
1088

MyoLock

Peripheral Defocus

MyoProtech

Single Vision

Spherical

Conventional

SoloTech

SoloTech Mono

Aspheric

Conventional

Double Aspheric

SoloTech

Anti-Fatigue

iRelax

Sport

Single Vision

iAction

iAction TM

Progressive

iAction TM

Bifocal

Conventional

Flattop

Round Top

Young Bifocal

Digital

Seamless

Progressive

Conventional

MiniPro

Genius GN

The Indoor

Daily Office

iReader

iOffice

iRoom

Mastery Progressive

Digital

NECO

Elite

Precison Daily

Precision Advance

iFree

Ultimate

SE 1.0

SE 2.0

SE 3.0

SE Drive

Ingingity

Netivigator

Lens Material

Clear

UV-3

UV-1

Armour UV++

Photochromic

SunFlash

Armour Sun UV++

SunAdapt

Transirions GenS

Xtrative

Polarised

Nupolar

ChormaPolar

NDPolar

Photochromic Polarized

Transitions Drivewear

High Contrast

NanoGuard

Lens Coating / Craftmanship

Lens Coating

ImpactFree

SupremeCOAT
SPC

MaxiiVue

StressFree SF SF

SunLens

ColorTint

Funtional Tint

SunSport Mirror

Color Technology

ColorBox

MGX

ND Drive

ND Drive PRO

Craftsmanship

Sparkle Vision

ThinMax TM

A woman with shoulder-length brown hair and glasses is smiling while holding a laptop. The text 'MONO LIFESTYLE' is overlaid on the left side of the image.

MONO LIFESTYLE

Single Vision

SWISSCOAT assures the best quality single vision lens to the market, we offer all indexes and guarantee visual comfort and clarity.



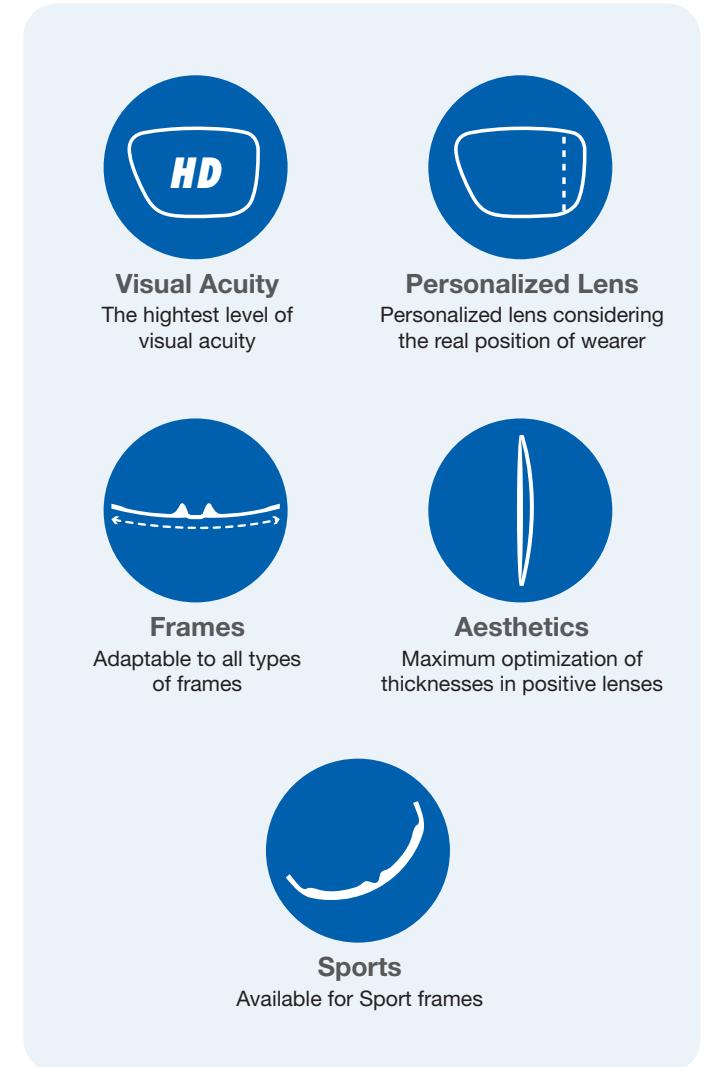
SoloTECH

Single vision lens by SoloTECH technology from SWISSCOAT is the highest visual quality in Single Vision lens and always manufactured using the premium material in the market, with wide selection of choice of index from 1.5 to 1.74 depending on your individual requirement. We guarantee you the excellent visual quality for demanding users of single vision lenses.

Exclusive surface optimization applied to SoloTECH design allows the highest level of visual acuity in all directions of gaze.

SoloTECH Mono - Customized

Personalization adapting the lens to any wearer expectation.



TM - Thinnest Maximization Technology

Patients with high hyperopia, High Prism, High Astigmatism, aphakia have very high diopter, and the lenses needed are usually very thick and heavy, which greatly affects the correction and appearance.

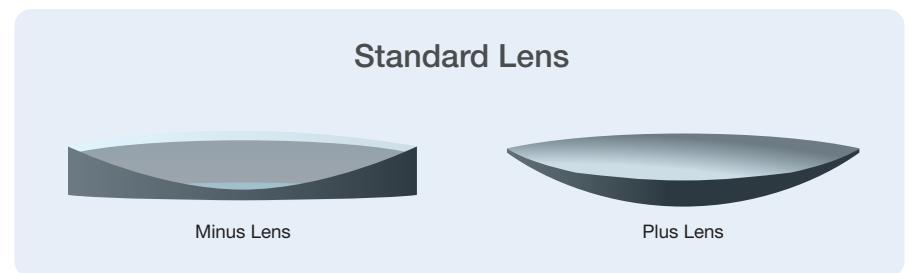
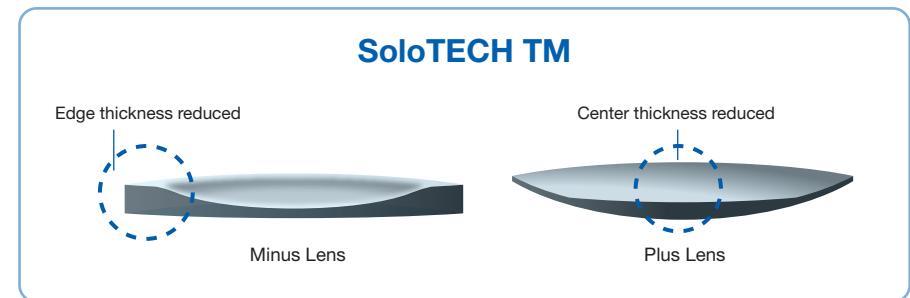
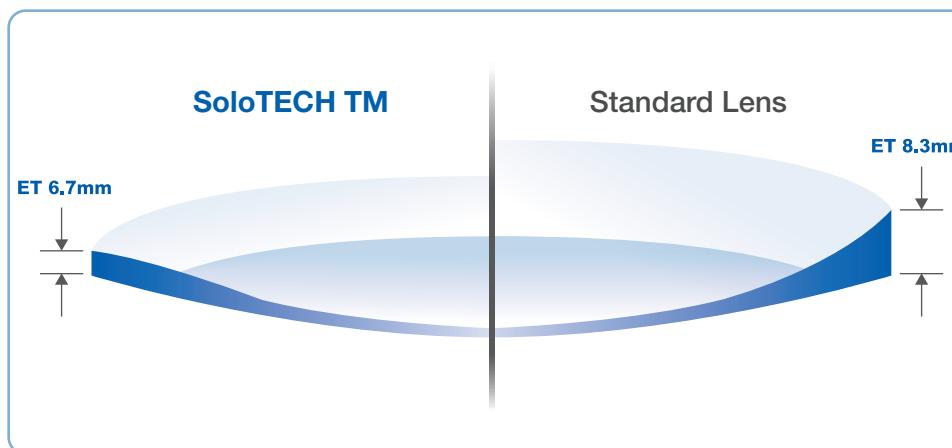
SWISSCOAT adopt the principle of reducing the diameter of lenses, which can reduce the thickness and weight of lenses as much as possible under the premise of guaranteeing the diopter.

High myopia or aphakia patients have very high diopter, ordinary lenses can not meet the demand, SWISSCOAT can provide special customized services.

TM - Thinnest Maximization technology is applied to all SoloTECH program.

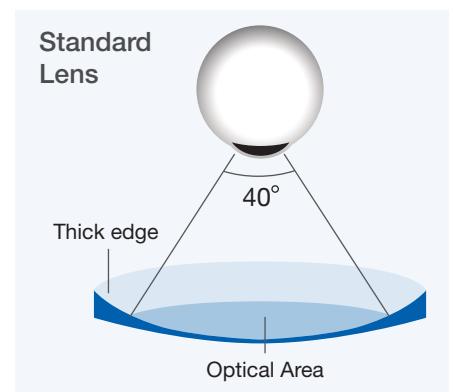
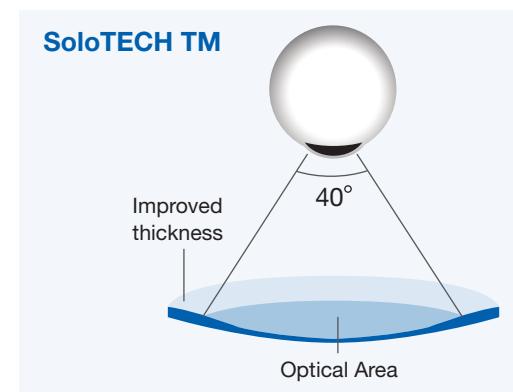


TM is a process developed to minimize the thickness and weight of lenses, it reduces the thickness with a gradual change in curvature, giving as a result a thinner lens in the edge for minus lenses and thinner in the center for plus lenses.



Optical Area

Optical area is a zone where the optical quality is optimum. SoloTECH TM effect saves this area for optical vision and modifies the curvature of the lens outside the saved zone to reduce thickness.



Tired eyes from screens? See the difference with SWISSCOAT iRelax

Tired eyes from screens?

See the difference with SWISSCOAT iRelax.

If you spend long hours on computers, reading, or focusing on near work, you know the feeling: tired, strained eyes by the end of the day. Standard single-vision lenses are designed for general clarity, but they do not address the specific visual stress caused by prolonged digital focus.

SWISSCOAT iRelax is designed differently.

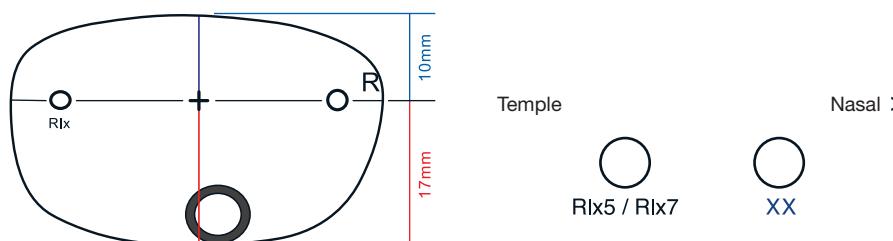
Our lenses are precisely calculated to reduce the focusing effort your eyes must make during sustained near-vision tasks. This helps minimize visual fatigue, allowing your eyes to feel more relaxed and comfortable while you work.

Ideal for professionals and anyone aged 25-45

Who experiences digital eye strain, SWISSCOAT iRelax is the smarter choice for lasting comfort during your demanding day.



PROGRESSIVE ENGRAVING



Standard requirement: (Minimum frame height: 27mm)

Design Option: +0.50, +0.75

Choose iRelax. Work in comfort.

iRelax ADVANTAGES

- 1 Free from visual fatigue
- 2 Anti-Tiredness
- 3 Comfortable
- 4 Suitable for all adult

Fitting Tips

- 1 Fitting height: 14 to 20mm
- 2 Near inset: Available
- 3 Pantoscopic tilt: Optional
- 4 Wrapping angle: Optional
- 5 Back vertex distance: Optional
- 6 Pupil distance: Required
- 7 Power compensation: NO

MYOPIA MONITORING



MYOStar

MYOPIA MONITORING DEFOCUS LENSES



Defocus Lenslet



Myopia Monitoring



Stock Lenses



Clarity



Safety & Protection



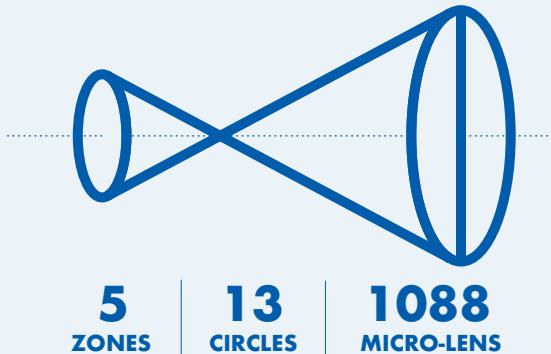
Key Features:

- 881 Defocus Lenslets: Engineered to create a controlled myopic defocus effect, promoting effective myopia management.
- Defocus Power +3.50D: Scientifically optimized to reduce myopia progression.
- 8mm Central Clear Vision Zone: Ensures clear and comfortable vision while maintaining treatment efficacy.
- Polycarbonate (PC) Material: Lightweight, impact-resistant, and highly durable for active lifestyles.
- Green Anti-Reflective Coating: Enhances visual clarity by reducing glare and reflections, ensuring comfortable vision in various lighting conditions.
- 12-Ring Structure: Precisely arranged to maximize myopia control efficacy without compromising vision quality.
- Stock Power Range: Sphere: Plano to -6.00D Cylinder: Up to -2.00D (75mm)

Myostar Myopia Monitor Lenses - The smart choice for clear vision and long-term myopia monitoring.

MYOLock

TAILORED FOR ALL MYOPIC ADOLESCENTS
The latest solution to control myopia progression.



A myopic child will easily become highly myopic.
 Eye disease will come more easily.
 To safeguard eyesight and eye health,
 SWISSCOAT strives to create a new solution of
 myopia control.



Clear Correction at Center Zone

According to Rx of adolescents, full distant correction through the central area and field of vision.

Myopia Prevention

5 vision zones including center, far-vision, near-vision, nasal and temporal. Through 1088 micro-lenses fixed in 13 circles, we create a myopic defocus condition for incident light ray peripheral to macula. This professional design can retard excessive abnormal growth of the eye and keep correct axial length of the eye. This design also keeps good control for myopia progression.

Safe and Comfortable

Impact resistant materials give children better protection. MYOLock is fabricated on PC materials. It is extremely tough, light and not easy to become yellowish within 3-5 years.

Special Structure of the Human Eye

The eyeball is only an approximate sphere rather than a perfect sphere, the macular location of the retina belongs to the imaging area, the distance from the periphery of the retina to the anterior apex of the cornea varies gradually. Due to the spherical shape of the eye ball, when the human eye see objects, the objects on the visual axis focus precisely on the macula, but the objects at peripheral space focus at a point behind the retina, which is called hyperopic defocus.

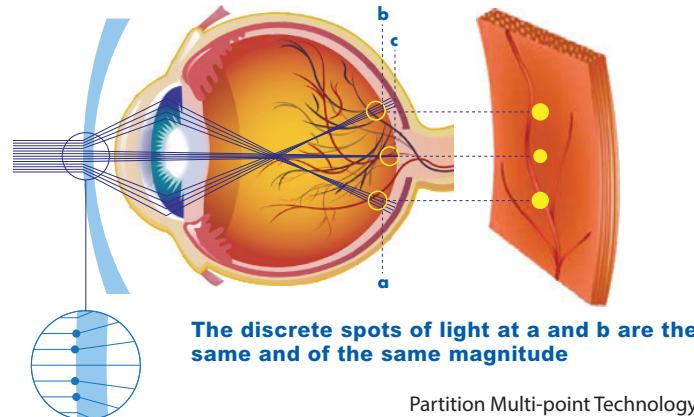
Original Partition Multi-Points Defocusing Technology(P.M.D.T)

MYOLock combines the special structure of human eye to develop P.M.D.T , which employs the differentiated zoning layout and near-vision zone adjustment to delay the growth of axial length and avoid progression to high myopia.

Scenes Change Freely

P.M.D.T effectively helps user adapt to different scenes, either for indoors or outdoors, it adopts different defocus power on different zones on the lens, it is to ensure each individual zone is ideally used for particular distance or task.

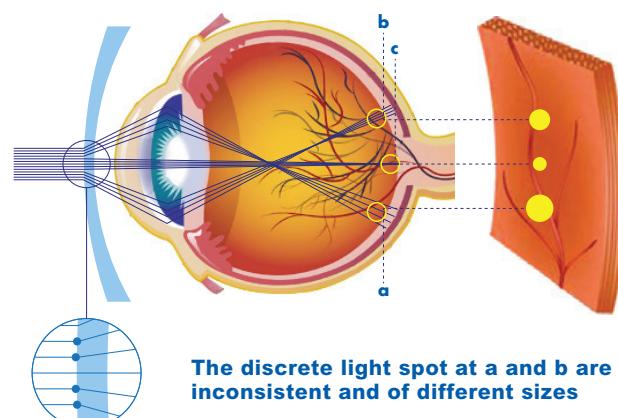
HOW DOES THE MYOLOCK DEFOCUSING LENS BENEFIT FOR MYOPIA CONTROL



Clear Vision Common Defocusing Lens

Traditional peripheral defocusing lens reduces farsighted hyperopic defocus imaging around the retina by changing the peripheral power of lens to control the growth of eye ball axial length and myopia. While multi-point defocusing lens allow simultaneous multiple defocus and can make the peripheral imaging fall before the retina to form a myopic defocus zone with the micro convex lens array.

1. Based on the principle of retinal imaging, precise calculations are carried out to obtain the defocus area and defocus amount for partition differentiated management. Myolock team divides the defocus area into center zone, far-vision zone, near-vision zone, nasal zone and temporal zone, different zones have different defocusing power, which makes the defocus lens adapt to various scenarios.
2. Gap between each circle is reserved to avoid stray light Interfering.
3. Refracted ray goes through the central 8mm area with no interference to guarantee the clarity of image.

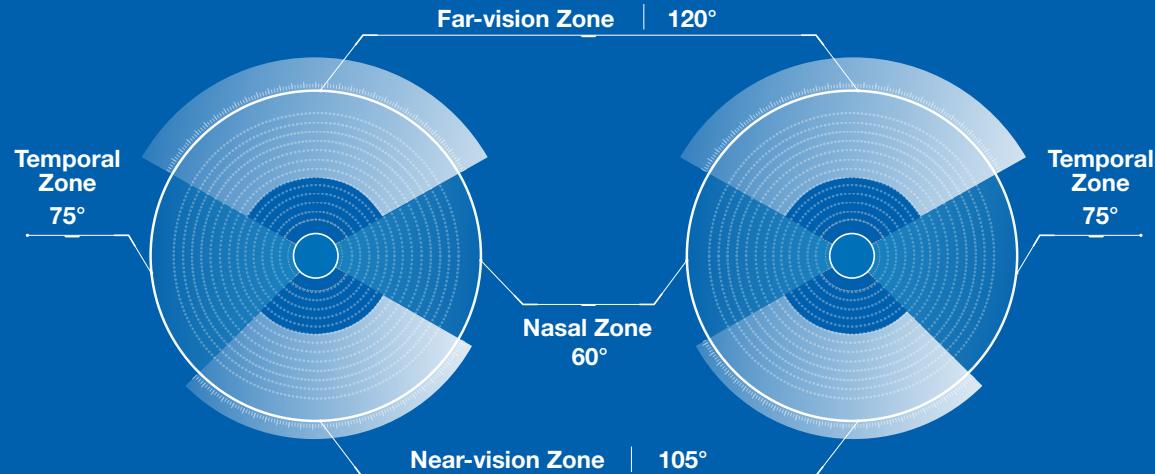


MYOLock Partition Defocusing Myopia Lens

MYOLock lens adopts 5 partition differentiated design to guarantee clear and stable vision of center zone, 1088 micro convex lenses are arranged around the central zone to form other 4 zones as far-vision zone, near-vision zone, nasal zone and temporal zone. By using the converging power of micro-lenses, the rays focus before the retina to achieve a myopic defocusing effect, which helps delay the growth of the axial length to slow the progression of myopia. Partition defocus differentiated design meets the need of using of eyes in different scenes.

PARTITION MULTI-POINTS DEFOCUSING TECHNOLOGY(P.M.D.T)

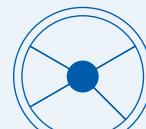
Right Lens



Left Lens

Partition Multi-Points Defocusing Technology first creates partitioned defocusing of left and right lenses, so the defocusing area can generate different defocusing amount in different directions. The asymmetrical design of left and right eyes is ergonomic. Zoning correction according to the retina structure and general visual habit of the wearer to ensure the defocus lens adapt to various scenarios.

The eye ball can turn to any directions from its primary gaze which always coincide with the central clear zone and the desired defocusing power is different at different gaze. Myolock 5 zones design provide a dynamic setting to cope with the actual use of eyes in different scenarios.



Center Zone

Rx area

Distant Rx with no defocus segments to keep vision sharp.



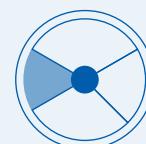
Far-Vision Zone

Zone of less defocusing power, clear and comfort view for distant.



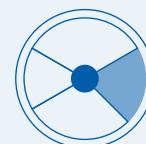
Near-Vision Zone

Accurate and strongest myopia defocusing effect, most powerful zone for myopia control.



Nasal Zone

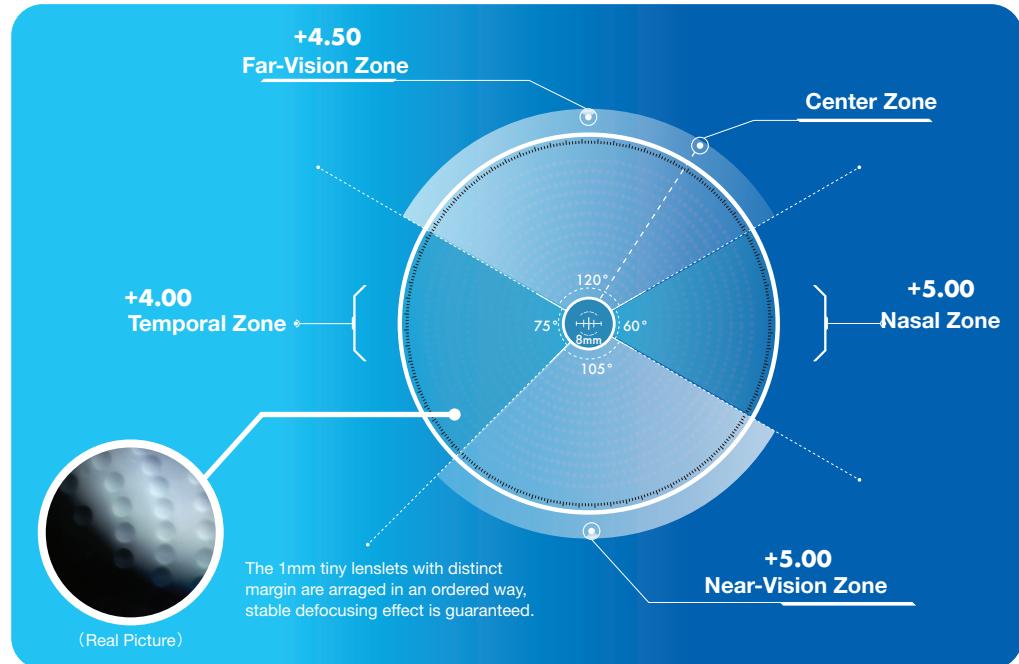
Zone for intermediate to close work. Accurate and strong myopia defocusing effect.



Temporal Zone

Least defocusing effect to enhance visual comfort.

PARTITION MULTI-POINTS DEFOCUSING TECHNOLOGY(P.M.D.T)	
Refractive Index	$n_e=1.59$
Abbe Value	30.3
Lens Material	PC
Diameter of the Lens	70mm
Distance Prescriptions	SPH(Total Power) 0.00D ~-10.00 (Cyl < -6.00)
Effective Diameter with Partition defocus	55mm
Fitting Point	At the center of the 2 invisible circle Engravings on the same level
Engravings	T (Temporal side) , 2mm above the circle engraving N (Nasal Side) , 2 mm above the circle engraving
Coating Options	<p> SPC Maximum durability, Scratch resistant</p> <p> MV 997 Low reflection,High transmission</p> <p> SF Filter harmful blue light,High protection</p>



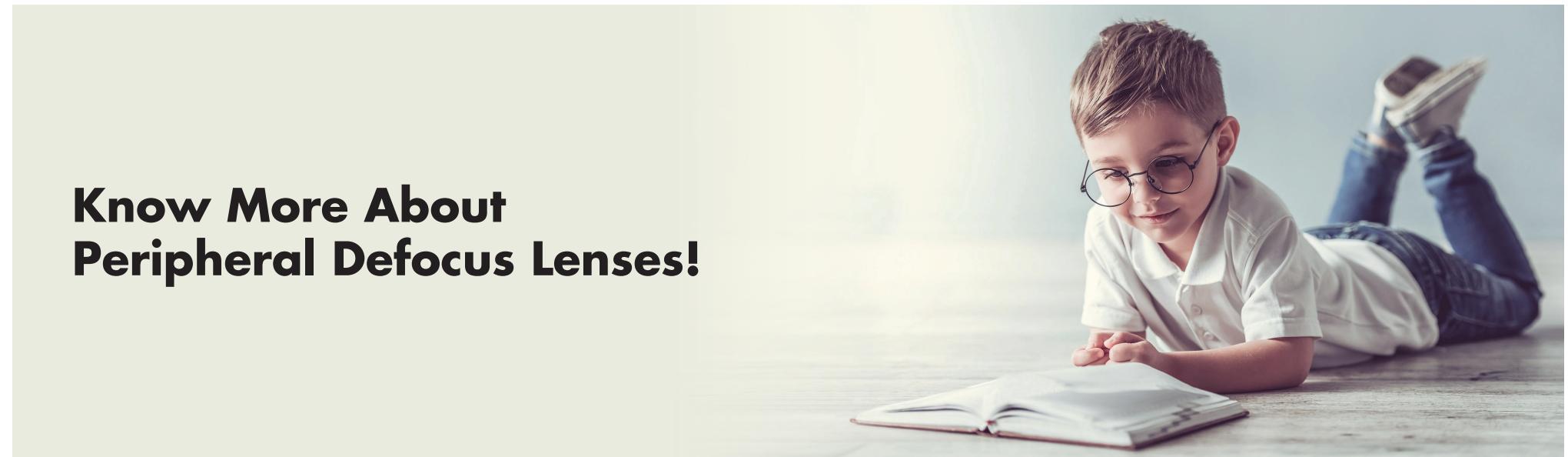
MYOLock1088 ADVANTAGES

- 1 Relieve the lengthening of ocular axis
- 2 Correct Myopia
- 3 Comfortable
- 4 Suitable for Myopia wearer that from 6 to 16 years old
- 5 Scene changes freely
- 6 Impact resistant material

Fitting Tips

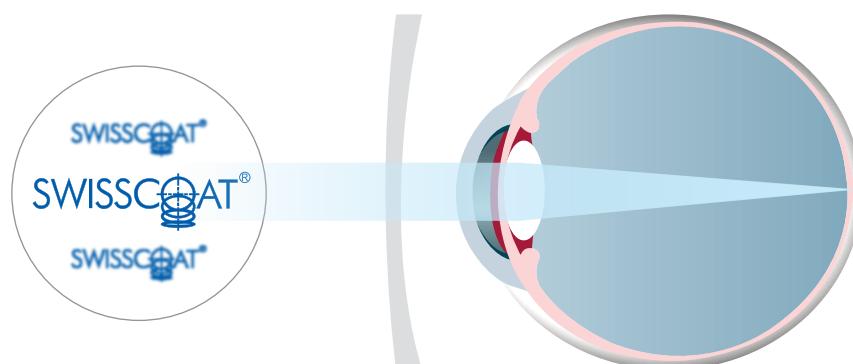
- 1 Fitting height required
- 2 Mono PD required
- 3 Keep at least 12mm distance from pupil center to upper rim of frame
- 4 Max total power < -10.00 ; max cyl < -6.00
- 5 Suggested frame height > 30mm

MYOPROTECH

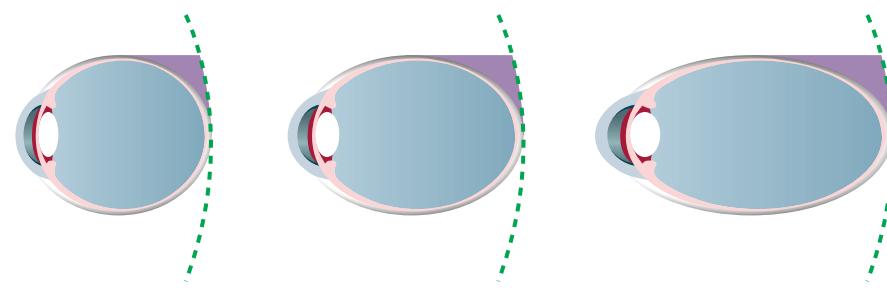


Know More About Peripheral Defocus Lenses!

- From the extensive work of Smith et al.,⁴⁻⁶ we have been convinced that relative peripheral hyperopia stimulates the eye to increase in axial length.



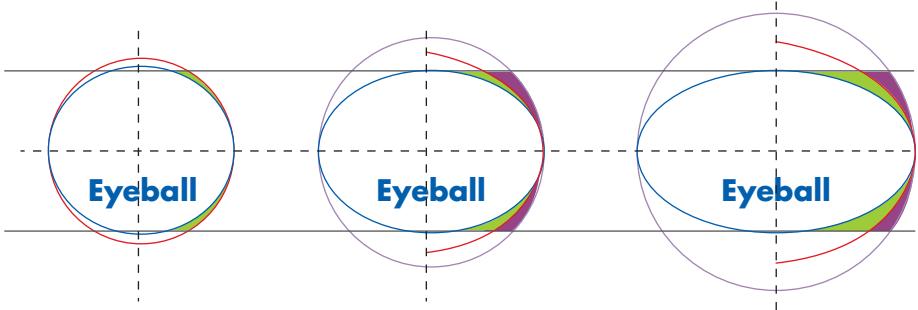
- Eyeball extending as Myopia power increasing.
- Higher Correction error on higher power.



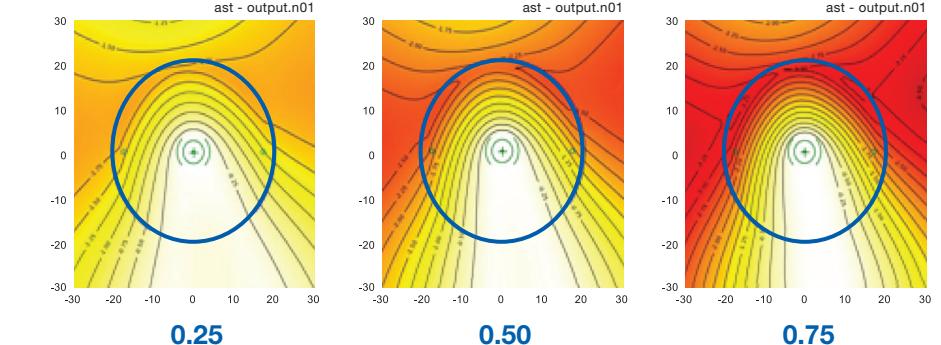
■ Optical deviation under hyperopic defocus

— Lens focal plane

- SWISSCOAT Myopia Monitoring provide different correction curve to minimize the over correction.



- 3mm distance zone for normal correction. Minus power decreasing to the edge with different slope design.
- Keep the distance power extend to the near vision zone for reading.



MYOPROTECH DESIGN PRINCIPLE

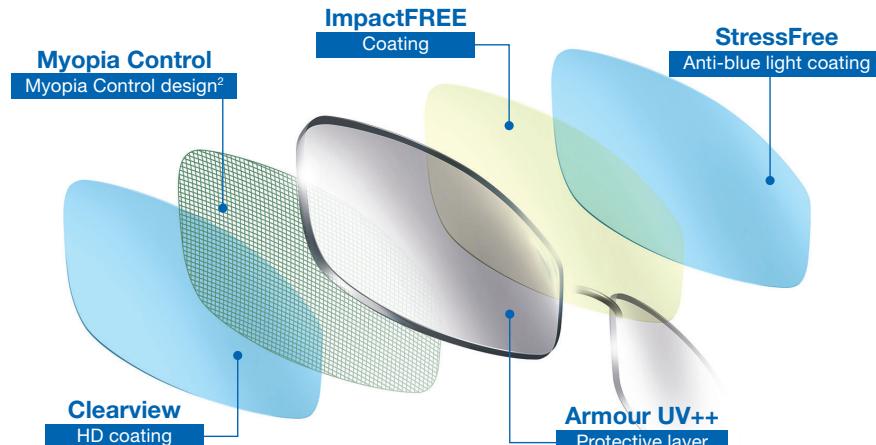
1. Aspherical
2. Clear Vision on center part
3. Correcting defocus from optical center to periphery
4. Far Distance power is extended to reading zone at the lower part of the lens with inset
5. Defocus option available in 0.25, 0.50, 0.75 step to 30mm



Each MYOProtech lens is infused with 5 major SWISSCOAT technologies:

- StressFree Anti-blue light coating
- Myopia Control design
- Armour UV++ protective lens
- ImpactFREE coating
- Clearview HD coating

Each Kids MYO Protech lens is infused with 5 major SWISSCOAT technologies

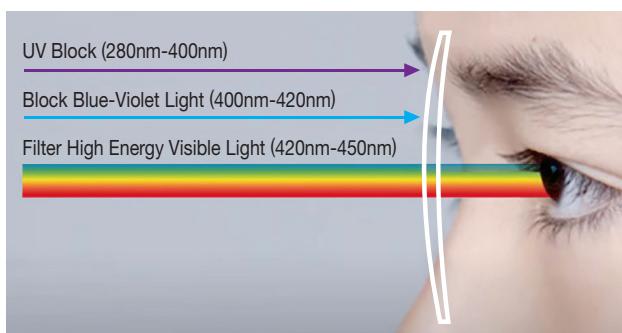


StressFree - the blue light protection proven by The Hong Kong Polytechnic University

Hong Kong is a city that is drenched in blue light. With flashy monitors everywhere and the ever increasing usage of electronics such as smartphones, their eyes are susceptible to more blue light than most other cities, and could drastically affect their eye health.

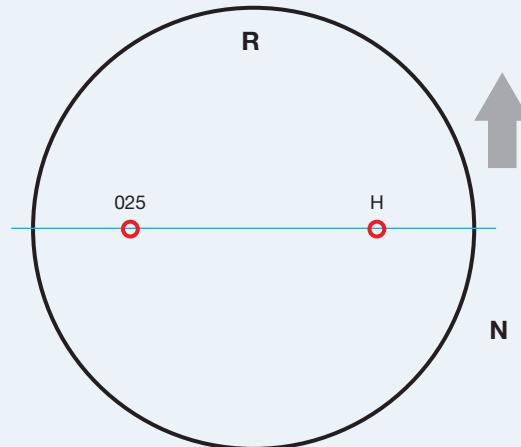
There is a way to stem the tide. With SWISSCOAT's StressFree coating features effective protection against high energy blue light. In a commissioned research done by The Hong Kong Polytechnic University¹, it is proven that SWISSCOAT's StressFree coating offers the following benefits.

1. Effectively filters high energy blue light
2. Does not hinder color and contrast sensitivity
3. Does not affect night vision



1. Reported by The Hong Kong Polytechnic University in the January 3rd 2017 publication from PLoS ONE. 2. Progression of Myopia in Hong Kong Chinese Schoolchildren Is Slowed by Wearing Progressive Lenses, Optom Vis Sci 1999;76:346-354

Engraving Chart



H = Material Code

025 = Design Code

MYOProtech ADVANTAGES

- 1 Relieve the lengthening of ocular axis
- 2 Correct Myopia
- 3 Comfortable
- 4 Suitable for Myopia wearer that from 6 to 16 years old

Fitting Tips

- 1 Same as progressive lens
- 2 Fitting height required
- 3 Mono PD required
- 4 Keep the pupil position at least 15mm to the rim of nasal
- 5 PD difference from frame PD to client PD within 5mm
- 6 Max power for 025 design: -2.00D (Over -2.00D)
- 7 Max power for 050 design: -3.00D (Over -2.50D)
- 8 Max power for 075 design: -4.00D (Over -3.00D)

SPORT



iAction

Perfect Vision for Active and Sports Wearer



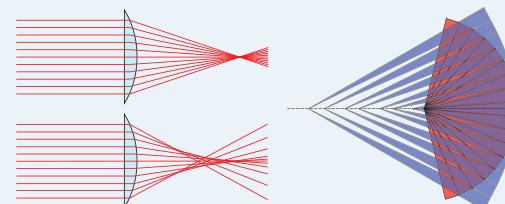
SWISSCOAT iAction is ideal for all types of sports and outdoor activities. It is a unique single vision and progressive lens developed for a wide variety of wrap-round frames. It protects eyes while effectively expanding vision zone and enhancing peripheral vision. With SWISSCOAT iAction you benefit from a design breakthrough: the creation of single base curve that doesn't compromise on optical quality and is suitable for extensive range of prescriptions.

Spherical Aberration

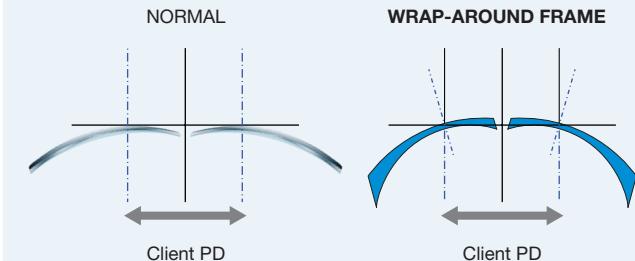
A perfect lens focuses all incoming rays to a point on the optical axis. A real lens with spherical surfaces suffers from spherical aberration: it focuses rays more tightly if they enter it far from the optical axis than if they enter closer to the axis. It therefore does not produce a perfect focal point. (drawing is exaggerated)

Refer to: https://en.wikipedia.org/wiki/Spherical_aberration

In order to solve the spherical aberration, aspheric lens is made to offset the spherical aberration by applying various curvature on the lens surface. The curvature will be flatter toward the edge of the lens. The aspheric lens is not only with clear image and also with flatter and thinner results.



Prism Effect of Warp-Around Frame



iAction ADVANTAGES

- 1 Minimize the uncomfortable prismatic effect
- 2 Mild optical deviation

Fitting Tips

- 1 Subject to material, lens diameter up to 85mm
- 2 Front base curve: +6.00/+7.00/+8.00
- 3 Single Vision and Progressive available
- 4 Single vision fitting: At the center of marking
- 5 Progressive fitting: 4mm above center of engraving axis
- 6 Progressive minimum fitting height: 15mm - 18mm
- 7 Variable inset available

iActionTM

The Next Level of Sport Prescription Lenses

NEW iActionTM, the most advanced sport prescription lenses program, the lenses are produced individually to maximize a full field of view and prevent distortion. Ordinary Prescription lenses can be heavy and thick, iActionTM apply an entire new lens technology, thickness is then reduced by up to 40% for a comfortably lighter lens; peripheral vision is optimized, guaranteeing 120 degree of binocular visual field.

- **COMPLETE BINOCULAR VISION**
- **ENSURES FUSION OF IMAGES**
- **BETTER VISUAL COORDINATION**

*Our analysis indicates the angle of 120° as the ideal. Possibility to customize.



Optimized Peripheral Vision

Guaranteeing 120° of binocular visual field



Comfort

Distortion at the side is truly minimized and the vision performance is fully maximized



Thinner Lenses upto 40%

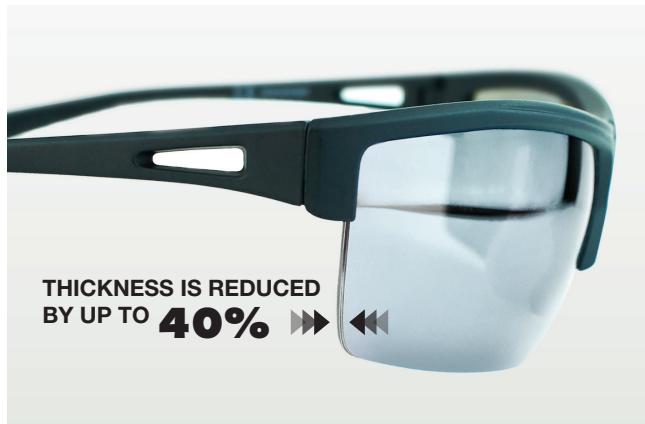
Both positive and negative with maximum reduction of thicknesses



Prescription Range

Extends to +4.00 to -7.00

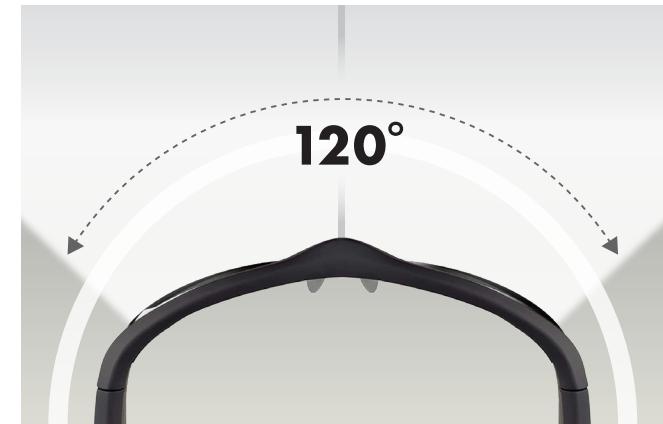
iAction™



Ordinary Sport Prescription lenses can be heavy and thick. Now thickness is reduced by up to 40% for a much lighter and thinner lens.

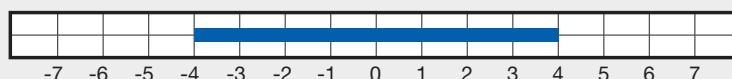


Distortion at the side is truly minimized and the vision performance is fully maximized.

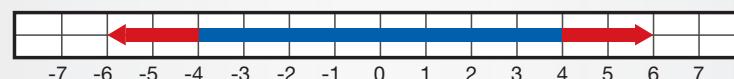


Optimized peripheral vision, guaranteeing minimum 120° field of view.

PRESCRIPTION POWER +4.00 TO -4.00



PRESCRIPTION RANGE EXTENDS TO +6.00 TO -6.00



iAction ADVANTAGES

- 1 Optimized peripheral, the best visual solution
- 2 Comfortable
- 3 Maximum reduction of thickness
- 4 Extend power range
- 5 Personalization

Fitting Tips

- 1 Subject to material, lens diameter up to 85mm
- 2 Front base curve: +6.00/+7.00/+8.00
- 3 Single Vision and Progressive available
- 4 Single vision fitting: At the center of marking
- 5 Progressive fitting: 4mm above center of engraving axis

- 6 Progressive minimum fitting height: 16mm - 18mm
- 7 Variable inset available

BIFOCAL



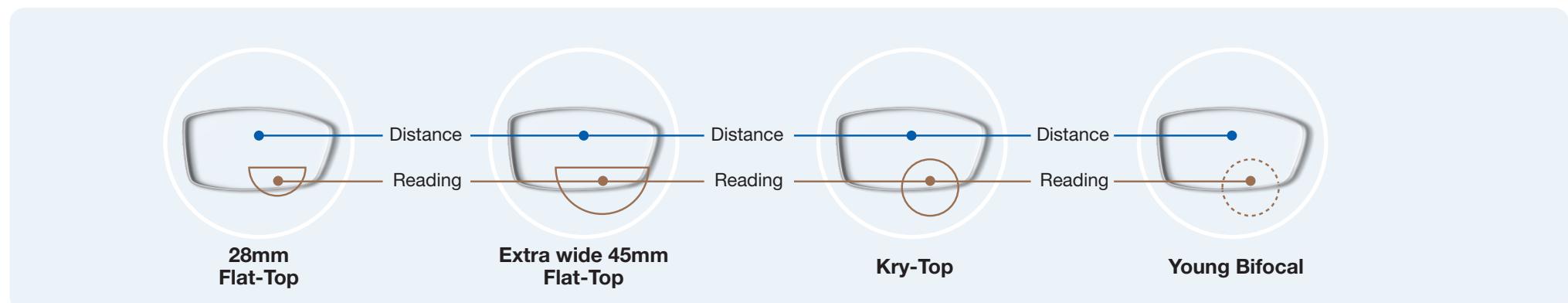
Flat-Top • Kry-Top • Young Bifocal • FreeForm



**Keep Your Vision
Comfortable for Every Day**

Bifocal Lenses are eyeglasses designed for people who need both near and far vision. Different from single vision lenses, bifocals have two vision, the upper part of the lens is used for far distance and the lower half of the lenses helps in reading or doing other close work.

SWISSCOAT offers 5 kinds of bifocal lenses for people needing different prescriptions for distance and near.



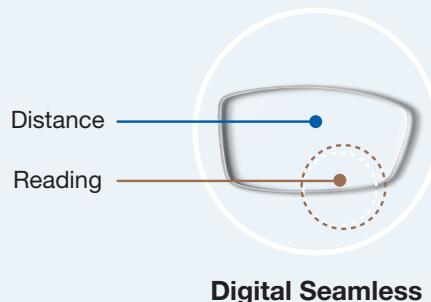
Digital Seamless

Bifocal Wearers

Digital Seamless is the ideal solution for bifocal wearers who are reluctant of progressive lenses.



Aesthetics and comfort in the new generation of bifocals, SWISSCOAT is offering a digital bifocal solution with 2 areas of vision for far and near vision respectively and a smooth and invisible transition area.



Personalized Lens
Personalized lens considering the position of wear



Visual Comfort
Minimized image jump



Aesthetics
Improved aesthetics as it eliminates the visible dividing line

ADVANTAGES

- 1 Extended near and intermediate vision zone
- 2 Available in various indexes and lens material

Fitting Tips

- 1 Fitting cross: Center point of engraving axis
- 2 Minimum vertical frame size: 26mm
- 3 Fitting height: 16mm
- 4 Minimum 10mm from the fitting cross to the top of the inner frame
- 5 Ordering with progressive prescription

PROGRESSIVE



Conventional Progressive



SWISSCOAT Genius, an advanced eye-point technology designed progressive lenses. The sophisticated technology takes into account of numerous 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
- Object's angular position in the eye's field of vision
- Pantoscopic tilt of the frame
- Pupil distance
- Thickness reduction prism

Genius ADVANTAGES

- 1 Improved peripheral vision because it is designed through an exact simulation of the eye
- 2 Guarantee perfect binocular vision, enabling patients to clearly perceive an object's depth and dimension
- 3 Bringing vision clarity to an optimal level in every vision zone
- 4 Soft design for every vision zone
- 5 Aspheric in all its vision zone, the thinnest possible lens

Fitting Tips

- 1 Fitting height of 19mm
- 2 Aspheric in all vision zone

SWISSCOAT Genius is the ultimate precision - engineered progressive lens for accurate, individualized design for every angle, every vision zone and every prescription. Your patients will immediately sense the difference because of the following benefits:

- Surround Vision** : SWISSCOAT Genius ensures improved Vision because it is designed through an exact simulation of the eye.
- Prism Balance** : SWISSCOAT Genius guarantees perfect Binocular Vision, enabling patients to clearly perceive an object's depth and dimension. Super Clarity.
- Super Clarity** : SWISSCOAT is based on SWISSCOAT's advanced Eye-Point Technology, vision clarity is enhanced even more, bringing it an optimal level in every vision zone.
- Soft Design** : A technological breakthrough, SWISSCOAT's Eye-Point Technology ensures the softest lens design for every vision zone.
- Pure Asphericity** : Aspheric in all its vision zones, SWISSCOAT Genius is the thinnest possible lens.
- Perfect Adaptation to all Frames Sizes** : SWISSCOAT Genius is designed for a variety of frame sizes - small and large alike.

acts. The company offers its services in Italy, France and Hong Kong since October and November respectively. While the company has a history of over four decades, it has successfully maintained its position in the market with many long-term customers. It is the company's mission to continuously improve its products and services to meet the needs of its customers. The company invites new customers to establish their corporate presence and platform for the future.

General Conventional Progressive

acts. The company offers its services in Italy, France and Hong Kong since October and November respectively. While the company has a history of over four decades, it has successfully maintained its position in the market with many long-term customers. It is the company's mission to continuously improve its products and services to meet the needs of its customers. The company invites new customers to establish their corporate presence and platform for the future.

SWISSCOAT Genius

THE INDOOR



Daily Office

The Best Vision for All Distances

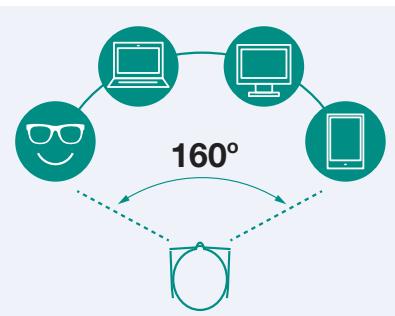


A Precision engineered desk work progressive lens, Daily Office is ideal for your desk work. It is an unique lens design which offers you more freedom of movement in the office. This design has extremely wide near, intermediate zone and the clear vision field. They are the best choice for the wearer when working with computers, at work, at home and at play.

Multi-screen environment

The multi-screen environment will affect the human visual system, resulting in intraocular pressure and reducing our visual performance.

Daily office is a solution for multi-screen environments. With its sleek design, Precision office can provide the visual clarity required for every task.

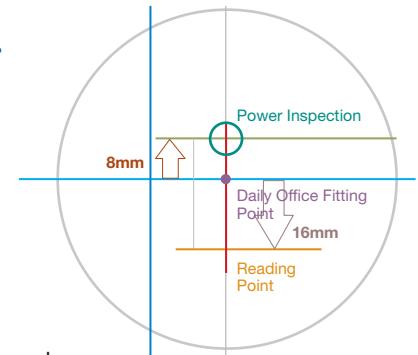


Ordering with full prescription; Distance power and additional power

Fitting point:

Center of two invisible engraving.

25 E



Inspection of lens:

- Inspection of Intermediate power at 8mm above fitting point
- Inspection of reading power at 16mm below center of engraving with 2.5mm insert
- Vision distance:
Working distance for reading: 40cm
Intermediate working distance:
- Additional power less than 1.25D (0.75D to 1.00D); vision distance up to around 2m
- Additional power over or equal to 1.25D; vision distance up to around 1.3m

PrecisionOffice ADVANTAGES

- 1 Extended near and intermediate vision zone
- 2 Available in various indexes and lens material

Fitting Tips

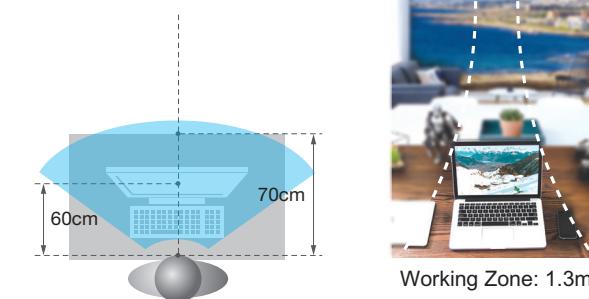
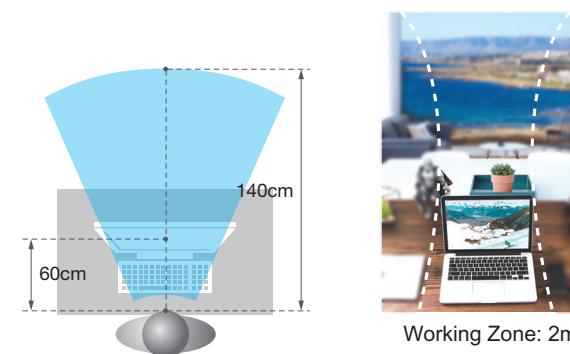
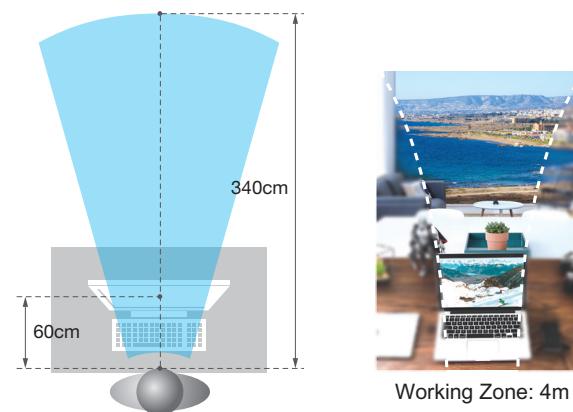
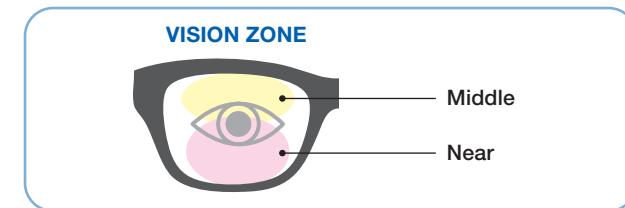
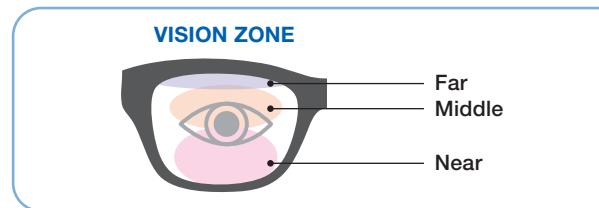
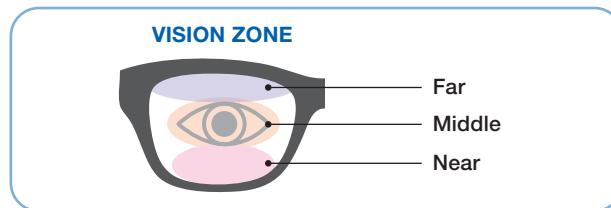
- 1 Fitting cross: Center point of engraving axis
- 2 Minimum vertical frame size: 26mm
- 3 Fitting height: 16mm

- 6 Minimum 10mm from the fitting cross to the top of the inner frame
- 7 Ordering with progressive prescription

iRoom • iOffice • iReader

iRoom, iOffice and iReader are office Reading glasses. The degressive power will be automatically calculated by program, this is a real individual near-vision lenses that guarantee you optimum comfort in wear. The working zone of each category varies, the actual distance of the working zone depends very much on the addition power and result of the program calculation.

Each pair of lenses is automatically calculated by the sophisticated Precision Office program. This is a truly personalized mid-near-specific lens that can ensure you get the best comfort when wearing it. Each type of work area is different, the actual distance of the work area depends largely on the results of the program calculations.



iRoom (40cm - 400cm)

Suitable for office people, or people who often stay indoors.

Vision (Depth)

Vision (Width)

iOffice (40cm - 200cm)

Suitable for people always stay indoor or office people, or people who often use computers, watch mobile phones or tablets.

Vision (Depth)

Vision (Width)

iReader (40cm - 130cm)

Suitable for people always handle paper works and often use computers, watch mobile phones or tablets.

Vision (Depth)

Vision (Width)

iRoom • iOffice • iReader ADVANTAGES

- 1 Extended near and intermediate vision zone
- 2 Customized with intermediate working distance
- 3 Available in various indexes and lens material

Fitting Tips

- 1 Fitting cross: Center point of engraving axis
- 2 Minimum vertical frame size: 26mm
- 3 Fitting height: 16mm
- 4 Minimum 10mm from the fitting cross to the top of the inner frame
- 5 Ordering with progressive prescription
- 6 Degression power automatically be calculated by program
- 7 Choice for intermediate vision distance: from 65cm to 4m (5cm per step) on eye level



MASTERY
PROGRESSIVE

SWISSCOAT Progressive Technology

Technology Overview	Conventional	Digital	Elite			Ultimate				Netvigator
	GN / MiniPro	Neco	Daily	Advance	iFREE	SE 1.0	SE 2.0	SE 3.0		
FreeForm	X	Y	Y	Y	Y	Y	Y	Y	Y	Y
Back Aspheric	X	Y	Y	Y	Y	Y	Y	Y	Y	Y
Point-to-Point Digital Surfacing	X	Y	Y	Y	Y	Y	Y	Y	Y	Y
Smart Shape Thinning	X	X	Y	Y	Y	Y	Y	Y	Y	Y
Position of Wear	X	X	X	Y	Y	Y	Y	Y	Y	Y
Ray Tracing	X	X	X	X	Y	Y	Y	Y	Y	Y
Variable Inset	X	X	X	X	Y	Y	Y	Y	Y	Y
Function Options	X	X	X	X	X	Y	X	X	Y	Y
Harmonizer	X	X	X	X	X	X	Y	Y	Y	Y
Binocular Balance	X	X	X	X	X	X	Y	Y	Y	Y
Instant Focus	X	X	X	X	X	X	Y	Y	Y	Y
Thin Max	X	X	X	X	X	X	Y	Y	Y	Y
AST Stabilizer	X	X	X	X	X	X	X	Y	Y	Y
Bio-Comfort	X	X	X	X	X	X	X	X	X	Y
Adaptive Visual Habit Scan	X	X	X	X	X	X	X	X	X	Y
Dynamic Gaze Tracking	X	X	X	X	X	X	X	X	X	Y
Infinite Precision Matrix	X	X	X	X	X	X	X	X	X	Y

SWISSCOAT Progressive

Performance

R:-3.00 L-3.00 ADD+2.00 (MFH17mm)

Far	6	6	7	8	9	9	9	9	9
Middle	4	5	6	6	6	6	6	7	8
Near	6	6	7	7	7	8	8	8	9

Entry Standard

Precision Personalization

SWISSCOAT Progressive Lenses

All SWISSCOAT Progressive lenses are true “multifocal” lenses that provide a smooth, seamless progression of many lens powers for clear vision across the room, up close and all distances in between.

When switching vision zones, the final user no longer has a feeling of falling or being out of control. For advanced progressive lens models, despite widened vision zones, distortion levels are reduced while lower prismatic levels allow for a thinner lens in all directions.

With progressive lenses, vision levels are improved and so is the elegant appearance of the lens when compare with bifocal lenses.

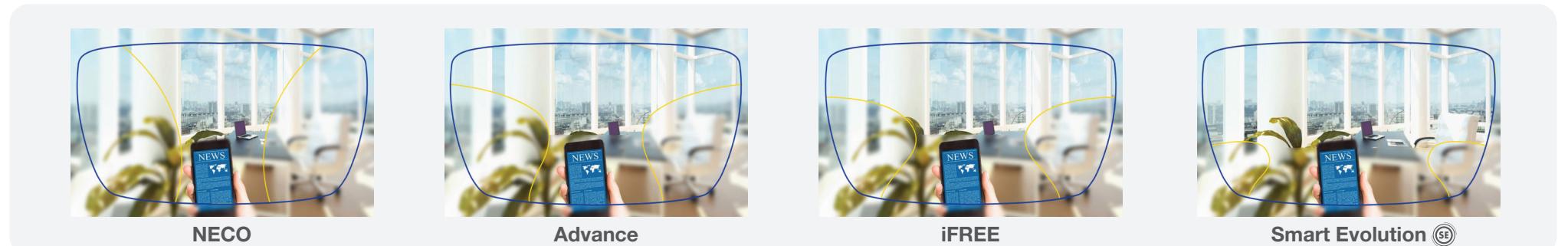
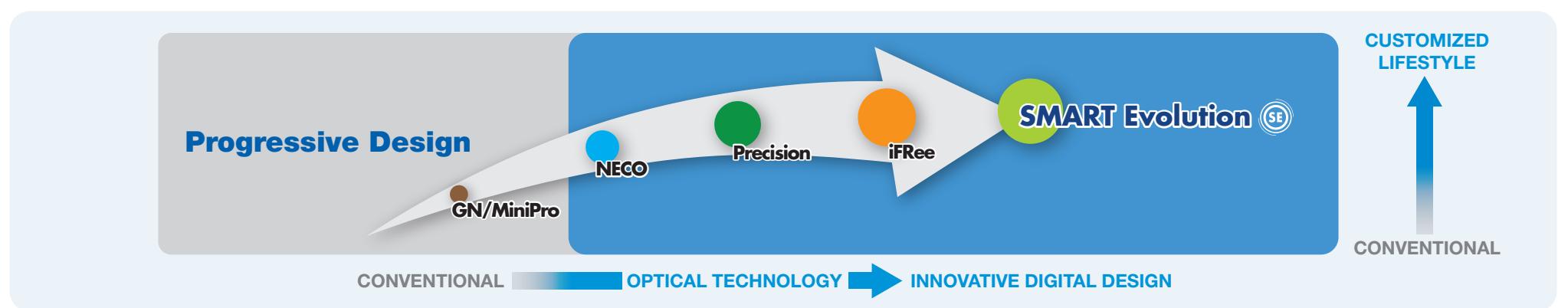
Precise Focus and Clarity Wherever You Look

Progressive lenses create a brand new experience for wearers, making it easier to focus on the project and hand. Whether you’re at work on the computer or reading on the train, these glasses provide unrivalled clarity. Conventional progressive lenses just don’t compare.

If you’re curious about the quality of SWISSCOAT’s progressive lenses, be sure to contact our team. We aim to provide better vision for all our customers, through regular treatment, innovative and superior lenses and exceptional guidance and advice.

Order Your New Innovative Progressive Glasses Today

SWISSCOAT new advanced design progressive lens comes with Precision, iFREE and Smart Evolution, to experience the whole new ultra-wide near and far vision zone. Perfectly fitted to all wearer, these lenses are tailor-made just for you, ensuring greater wearer tolerance, faster adaptation and all-around clear vision.



High Definition Progressive

NECO



NECO
Innovative Optimization Techniques

A Powerful entry level progressive lenses. Easy design takes visual needs of presbyopia who use handheld devices daily into account.

Visual Quality within your reach

NECO Progressive lens design is the result of applying innovative optimization techniques to standard progressives. Both of the progressive enhanced visual quality with clean areas and smooth gradients.

NECO ADVANTAGES

- 1 Budget progressive
- 2 Perfect fit for progressive beginners

Fitting Tips

- 1 Fitting height of 17mm
- 2 Power compensation: NO

Precision Progressive

SWISSCOAT **Precision** Progressive lens series was originated in 2007, a back-side freeform progressive lens. The **Precision** series offers two models: **Daily** and **Advance**, a well-reputed lens series has been highly recommended by the users after its launch. Users are highly satisfied with the **Precision's** visual performance.

Precision Advance is the finest design of **Precision** progressive series whereas providing wider distance and near vision, and stable intermediate vision. Adding visual distortion softening technology - harmonizer, effectively flattens the edges of the distortion upto 40%, compared with the general conventional progressive lens while offering wider, more comfortable vision.

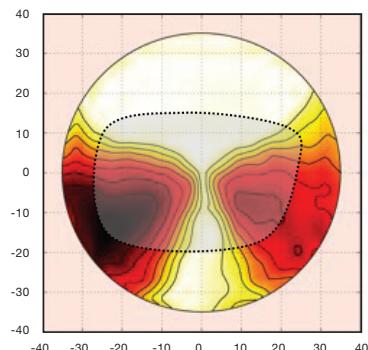
Precision Advance is designed for any progressive lens users perceiving superior visual comfortable vision.

The left and right distortion of the general conventional progressive lens and the basic back-side free form progressive lens are fixed while distortion depends on the magnitude of near addition power.

As for cases of higher near addition power, the left and right bottoms of a lens are clearly distorted, resulting in intermediate visual oppression and discomfort.

Power: Sph:0.00 Add: +2.00 (Right Eye)

CYLINDER MAP



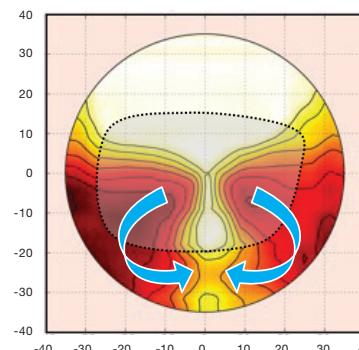
General Conventional Progressive

*distortion of a conventional progressive lens

Harmonizer – Visual Distortion Softening Technique: Take a frame shape and size into consideration, resonate distortion with a lens' outside area in order to reduce distortion on both sides and enhance overall visual width and comfortability in the distance vision.

Power: Sph:0.00 Add: +2.00 (Right Eye)

CYLINDER MAP



Precision Advance

*reduced distortion after applying Harmonizer technique

Precision ADVANTAGES

- 1 Fit to all optical frames
- 2 Reduce optical abbreviation
- 3 Wider and more stable distance and reading vision after bending distortion away from lens shape

Fitting Tips

- 1 Fitting height: 15 to 19mm
- 2 Near inset: Available
- 3 Pantoscopic tilt: Optional
- 4 Wrapping angle: Optional
- 5 Back vertex distance: Optional
- 6 Pupil distance: Required
- 7 Power compensation: NO
- 8 Fitting Cross at MRP

SWISSCOAT Technical Specification Plastic

Precision						
Index	1.5	1.53	1.59	1.61	1.67	1.74
Material	Clear SunAdapt XTRActive Transitions GEN S™ Nupolar Drivewear ChromaPolar	Clear NXT XTRActive Transitions GEN S™	Clear Transitions GEN S™ Drivewear	Clear Armour UV++ Armour Sun UV++ SunAdapt XTRActive Transitions GEN S™ Nupolar	Clear Armour UV++ Armour Sun UV++ SunAdapt XTRActive Transitions GEN S™ Nupolar	Clear Armour UV++ *Armour Sun UV++ Transitions GEN S™
Max Diameter	75+5	75+5	75+5	75+5	75+5	75+5
Fitting Height	15mm to 19mm	15mm to 19mm	15mm to 19mm	15mm to 19mm	15mm to 19mm	15mm to 19mm
Rx Power Range	+6.00 ~ -8.00	+6.00 ~ -8.00	+6.00 ~ -9.00	+8.00 ~ -10.00	+8.00 ~ -11.00	+7.00 ~ -12.00
Addition Power	A+0.75 ~ A+3.50	A+0.75 ~ A+3.50	A+0.75 ~ A+3.50	A+0.75 ~ A+3.50	A+0.75 ~ A+3.50	A+0.75 ~ A+3.50
Power Compensation	YES	YES	YES	YES	YES	YES

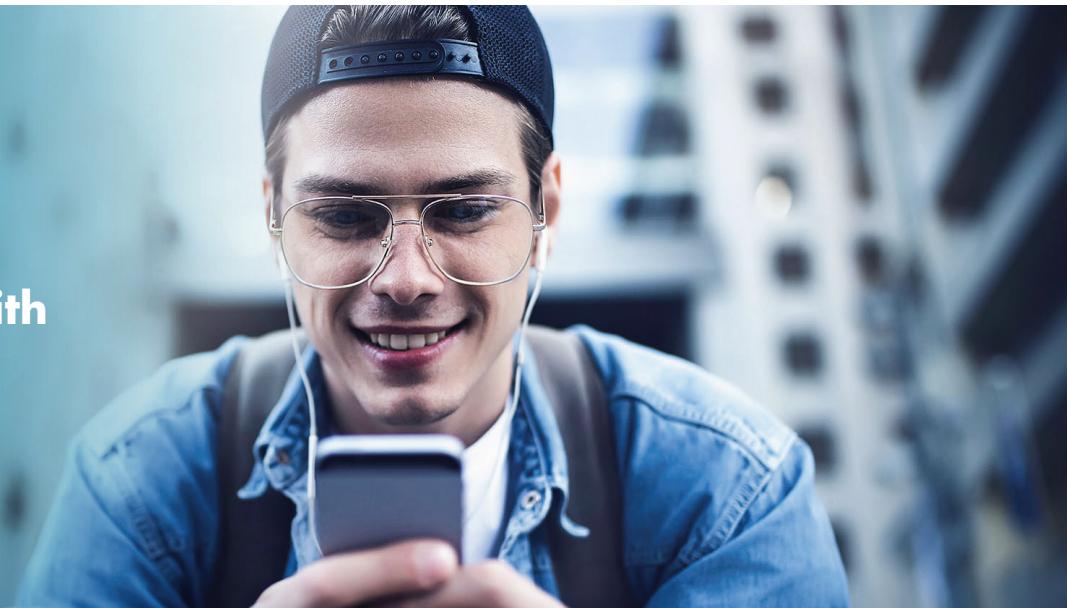
Any power exceeds the power range, contact SWISSCOAT customer service officer.

* 1.74 Armour Sun UV++

iFREE Progressive

iFREE

**Build Your Unique Progressive Lens with
MyWorld Digital Lens Technology**



Your ideal personalized progressive lens, iFREE progressive design contains unique information to produce a fully personalized progressive lens. iFREE lens series is a family of lenses incorporating Digital Ray Path technology. Ultimate lenses offer sophisticated technology and advanced optical performance.

iFREE is a fully personalized design with a balance between distance and near vision. It is highly recommended for experienced and demanding wearers who are looking for an all-purpose, comfortable progressive lens with wider visual fields at all distance.



iFREE Mobile

Designed exclusively for electronic device users.

iFREE Soft

Perfect balance between distance and near visual fields.

Progressive Models	Graphic Simulation	Features	Remarks
iFREE Advance		Far: ★★★★★ Near: ★★★★★ Mobile vision: ★★★★★ Comfort: ★★★★★	<ul style="list-style-type: none"> • Balanced type • Hard design for advanced users
iFREE Mobile		Far: ★★★★★ Near: ★★★★★ Mobile vision: ★★★★★ Comfort: ★★★★★	<ul style="list-style-type: none"> • Balanced type • Hard design modified for frequent usage of mobile devices
iFREE Soft		Far: ★★★★★ Near: ★★★★★ Mobile vision: ★★★★★ Comfort: ★★★★★	<ul style="list-style-type: none"> • Balanced type • Super soft design; very easy adaptation

iFREE ADVANTAGES

- 1 Fully customization
- 2 Lifestyle customization
- 3 Large field of view
- 4 Optimum vision and wearing comfort
- 5 Guarantee comfortable to wear

Fitting Tips

- 1 Fitting height: 10 to 20mm
- 2 Near inset: Available
- 3 Pantoscopic tilt: Required
- 4 Wrapping angle: Required
- 5 Back vertex distance: Required
- 6 Pupil distance: Required
- 7 Power compensation: Optional
- 8 Fitting Cross above MRP 4mm

SWISSCOAT Technical Specification Plastic

iFREE						
Index	1.5	1.53	1.59	1.61	1.67	1.74
Material	Clear SunAdapt XTRActive Transitions GEN S™ Nupolar Drivewear ChromaPolar	Clear NXT XTRActive Transitions GEN S™	Clear Transitions GEN S™ Drivewear	Clear Armour UV++ NanoGuard Armour Sun UV++ SunAdapt XTRActive Transitions GEN S™ Nupolar	Clear Armour UV++ Armour Sun UV++ SunAdapt XTRActive Transitions GEN S™ Nupolar	Clear Armour UV++ Armour Sun UV++ Transitions GEN S™
Max Diameter	75+5	75+5	75+5	75+5	75+5	75+5
Fitting Height	10mm to 20mm	10mm to 20mm	10mm to 20mm	10mm to 20mm	10mm to 20mm	10mm to 20mm
Rx Power Range	+6.00 ~ -8.00	+6.00 ~ -8.00	+6.00 ~ -9.00	+8.00 ~ -10.00	+8.00 ~ -11.00	+7.00 ~ -12.00
Addition Power	A+0.75 ~ A+3.50	A+0.75 ~ A+3.50	A+0.75 ~ A+3.50	A+0.75 ~ A+3.50	A+0.75 ~ A+3.50	A+0.75 ~ A+3.50
Power Compensation	YES	YES	YES	YES	YES	YES

Any power exceeds the power range, contact SWISSCOAT customer service officer.

ULTIMATE PROGRESSIVE

Smart Evolution 





Smart Evolution Progressive

Anyone into luxury visual comfort is sure to be impressed by the Smart Evolution 3D digital progressive. The design combines functionality with extraordinary style and suits for today's demanding customers.

High Definition Digital surfacing now enables the manufacturing of lenses with tremendous accuracy, ensuring lenses are produced to the designer's desire.

Each pair of Smart Evolution comes with a guaranteed level of quality and performance.



Smart E 1.0 The Best Self Progressive Lenses

ALL - IN - ONE

A Smart All Round

L Smart Learner

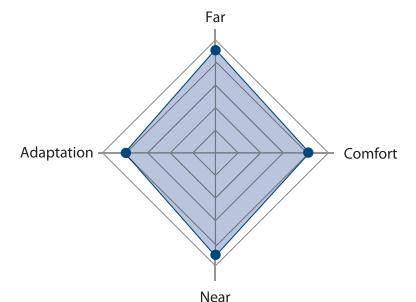
N Smart Mobile

D Smart Distant

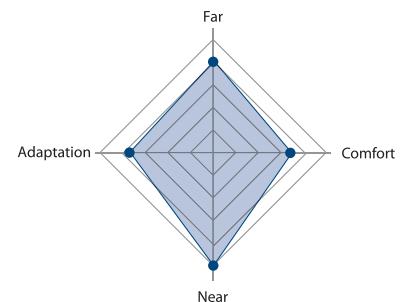
Lens Design Recommendation

Design	Model	Target Customer	Features			min FH (mm)
			Far	Near	Comfort	
Smart All - in - one	A TYPE ALL ROUND	Demanding Customers	★★★★★☆☆	★★★★★☆☆	★★★★★☆☆	14~20(1mm/step)
	L TYPE LEARNER	Novice wearers	★★★★★☆☆	★★★★★☆☆	★★★★★☆☆	16~20(1mm/step)
	N TYPE MOBILE	Wearers with intense use of near vision	★★★★★☆☆	★★★★★☆☆	★★★★★☆☆	14~20(1mm/step)
	D TYPE DISTANT	Outdoors wearers	★★★★★☆☆	★★★★★☆☆	★★★★★☆☆	14~20(1mm/step)

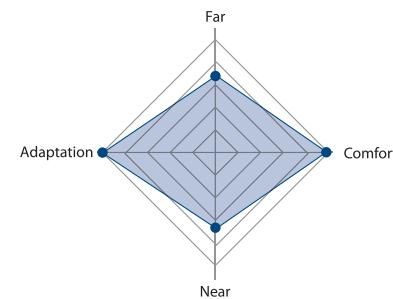
A TYPE ALL ROUND



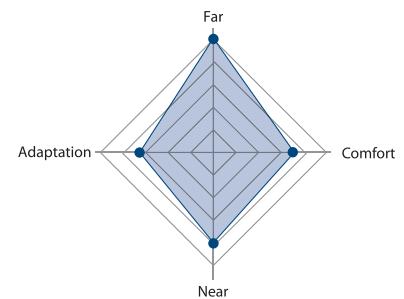
N TYPE MOBILE



L TYPE LEARNER



D TYPE DISTANT



LAB BRAND™ DIGITAL LENSES WITH CAMBER™ TECHNOLOGY

State-of-the-art digital lens design combined with sophisticated new lens blank technology

Smart Evolution 3D digital progressive lenses are lenses are now available with Camber Technology, representing a breakthrough in combining digital processing with an innovative new lens blank design. The specially designed Smart Evolution 3D digital progressive lens blank features a increasing base curve that provides the optically correct curvature in each zone of the lens. This allows expanded reading zones with improved peripheral vision. The advanced, digitally designed back surface can be comprehensively customized to each patient through a complete set of individualization parameters. Complex curves on both surfaces of the lens work together to provide excellent vision correction and a progressive lens experience like no other.

camber Availability

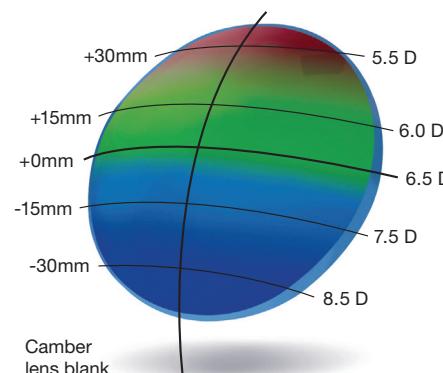
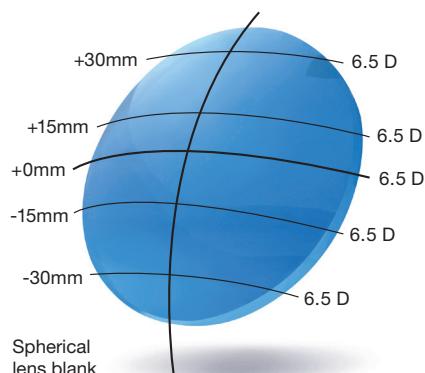
Styles	Materials	Base Curves
Clear	Hard Resin	0.50, 2, 3, 4, 5, 6, 7, 8
Transitions® Signature™	1.60 High Index	
Gray & Brown	1.67 High Index	

Compare Front Surfaces

Most digital progressive lenses are processed from a single vision lens blank, which has just one base curve from top to bottom.

In this case, the base curve in the reading area is not ideal, and oblique astigmatism results.

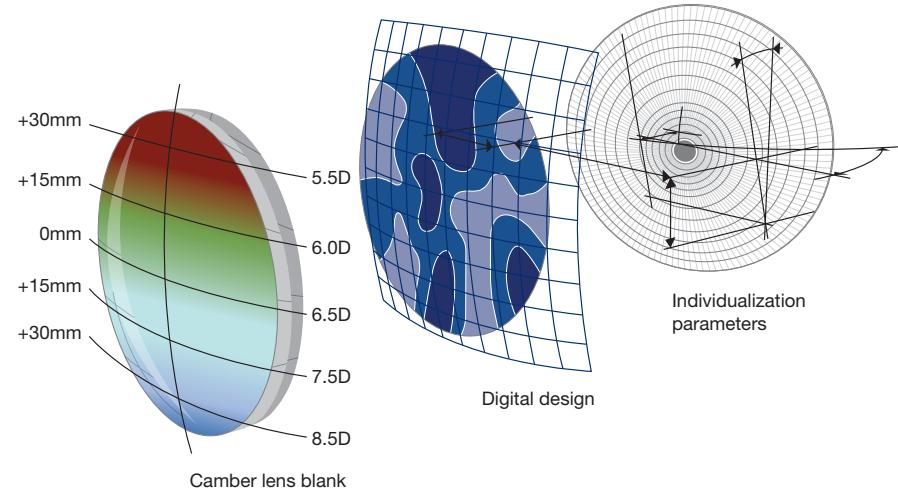
The Camber lens blank has a patented, continuously increasing base curve, ideal for the increasing power profile of digital progressive lenses.



A Combination of Complex Curves

When the unique front surface is combined with a sophisticated back-side digital design, both surfaces work together to become the Camber finished lens.

The design may be further enhanced by a complete set of individualization parameters to comprehensively customize the lens for each individual patient.



The combination of the Camber variable base curve front surface and the enhanced digital back surface design creates the Camber finished lens, an advanced digital progressive that provides remarkable visual acuity in every viewing zone.

Visit CamberLens.com for more information about Camber lens technology. Camber is a trademark and NuPolar is a registered trademark of Younger Mfg. Co. Transitions is a registered trademark and Signature is a trademark of Transitions Optical, Inc.

In a double-blind study, test wearers compared conventional single vision blanks with Camber blanks, each processed with same digital progressive design.

STUDY PROCEDURE:

- Test wearers wore each pair of glasses for the duration of one week, but were not aware of which lenses they were wearing for the entirety of the study.
- Both pairs of lenses were of identical material and base curve, and mounted in the same frame.
- Wearers were surveyed about their experience with the lenses after testing both.



TEST LENS A

PROCESSED FROM
SINGLE VISION LENS BLANKS



TEST LENS B

PROCESSED FROM
CAMBER LENS BLANKS

RESULTS OF WEARER STUDY

100%

WEARERS REPORTED:

NEAR ZONE EASIER TO FIND
WITH CAMBER LENSES

83%

WEARERS REPORTED:

EASIER ADAPTATION
WITH CAMBER LENSES

94%

WEARERS REPORTED:

NEAR VISION QUALITY EQUAL OR BETTER
WITH CAMBER LENSES

HIERARCHY OF IMPORTANCE

FOR MAKING A SUCCESSFUL PROGRESSIVE Rx

There is lot of confusion in optical industry about which parameters are the most important towards supplying a successfully dispensed Rx progressive. Not surprisingly, those items directly controlled by the ECP are still the most important! Base curve and lens index material play a more important role than factors such as customization and individualization.



Proper refracton
Fitting Height
PD Measurement

Base Curve Selection
Design of Progressive
Corridor Length
Index of Lens Material

Customization
Individual Wearer;
Parameters



Advanced Curve Technology

for Progressive Rx Wearers



Smart Evolution

3D digital progressive



HOW CAMBER LENSES BENEFIT OPTICIANS AND LABS

SUPERIOR OPTICS

Wide open fields of vision

PREMIUM TECHNOLOGY

Feel confident that the product you are dispensing is as technologically advanced as any lens in the market

EASIER FRAME SELECTION

Higher base curve prescriptions have fewer frame limitations

BETTER LOOKING

More cosmetically appealing front curve for many high plus and high add prescriptions



HOW CAMBER LENSES BENEFIT PATIENTS

BETTER VISION

In all zones, compared to SV Blank

LATEST TECHNOLOGY

Camber's two-surface design is unique and patented

FULLY CUSTOMIZABLE

Every variable that affects vision can be individualized to patient

IMPROVED READING AREA

More spacious, easier to find with the eye

EASIER ADAPTATION

Study shows quicker adaptation for most wearers

WEARERS PREFER CAMBER

Study shows more wearers prefer lenses made from Camber blanks to lenses made from single vision blanks

OMNI Parameters

Pupil Distance	✓
Segment Height	✓
Vertex Distance	✗
Pantoscopic Angle	✗
Wrapping Angle	✗

Camber Parameters

Pupil Distance	✓
Segment Height	✓
Vertex Distance	✓
Pantoscopic Angle	✓
Wrapping Angle	✓
Near Working Distance	✓



Smart E 1.0 ADVANTAGES

- 1 Fully customization
- 2 Lifestyle customization
- 3 Large field of view
- 4 Optimum vision and wearing comfort
- 5 Guarantee quality satisfaction
- 6 Guarantee comfortable to wear

Fitting Tips

- 1 Fitting height: 16 to 20mm
- 2 Fitting Cross above MRP 4mm
- 3 Near inset option: Available
- 4 Pantoscopic tilt: Required
- 5 Wrapping angle: Required
- 6 Back vertex distance: Required
- 7 Pupil distance: Required
- 8 Power compensation: Optional

SWISSCOAT Technical Specification Plastic

Smart E 1.0						
Index	1.5	1.53	1.59	1.61	1.67	1.74
Material	Clear Camber SunAdapt XTRActive Transitions GenS™ Nupolar Drivewear ChromaPolar	Clear NXT XTRActive Transitions GenS™	Clear Transitions GenS™ Drivewear	Clear Camber Armour UV++ Armour Sun UV++ SunAdapt XTRActive Transitions GenS™ Nupolar	Clear Camber Armour UV++ Armour Sun UV++ SunAdapt XTRActive Transitions GenS™ Nupolar	Clear Armour UV++ *Armour Sun UV++ Transitions GenS™
Max Diameter	75+5	75+5	75+5	75+5	75+5	75+5
Fitting Height	16mm to 20mm	16mm to 20mm	16mm to 20mm	16mm to 20mm	16mm to 20mm	16mm to 20mm
Rx Power Range	+6.00 ~ -8.00	+6.00 ~ -8.00	+6.00 ~ -9.00	+8.00 ~ -10.00	+8.00 ~ -11.00	+7.00 ~ -12.00
Addition Power	A+0.75 ~ A+3.50	A+0.75 ~ A+3.50	A+0.75 ~ A+3.50	A+0.75 ~ A+3.50	A+0.75 ~ A+3.50	A+0.75 ~ A+3.50
Power Compensation	YES	YES	YES	YES	YES	YES

Any power exceeds the power range, contact SWISSCOAT customer service officer.

* 1.74 Armour Sun UV++

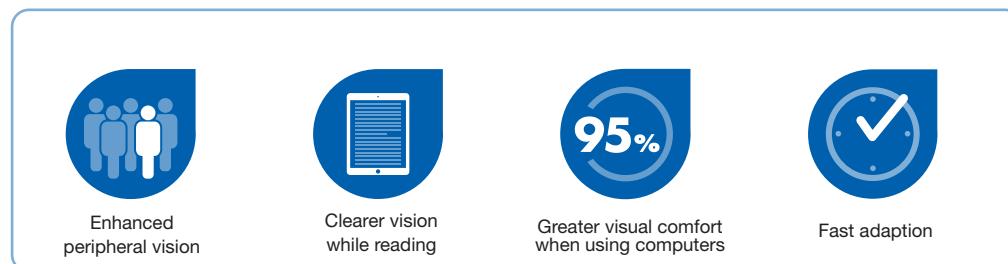
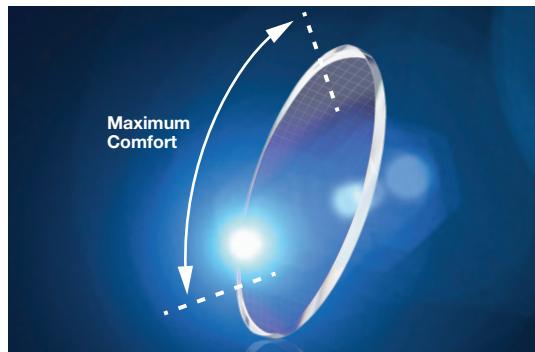


Smart E 2.0 EXTREME FOCUS Ultra-wide Vision at All Distance

The technology behind 2.0 MaxiWide lenses

Developed with design optimization technology, MaxiWide is a progressive lens that provides superior optical and aesthetic qualities. MaxiWide design provides optimum binocular vision at all distance.

MaxiWide is designed for anyone looking for the best progressive lens that offers the highest quality of vision and maximum comfort.



DIGITAL DUAL BALANCE

Digital Dual Balance Technology means MaxiWide lenses ensure clear and wide vision when reading on smartphones and tablets, perfect for reading, both near and medium distances.



Blurry and narrow vision when reading on your smartphone



Clearer and wider vision when reading on your smartphone

SHARPVIEW

SharpView Technology means MaxiWide lenses ensure sharp and wide vision at all distance.



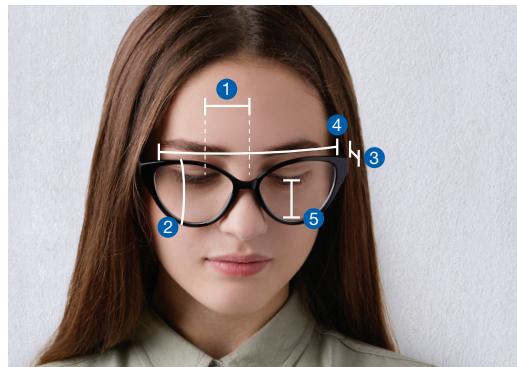
Image of astigmatism of normal progressive lenses



Image of astigmatism of MaxiWide lenses

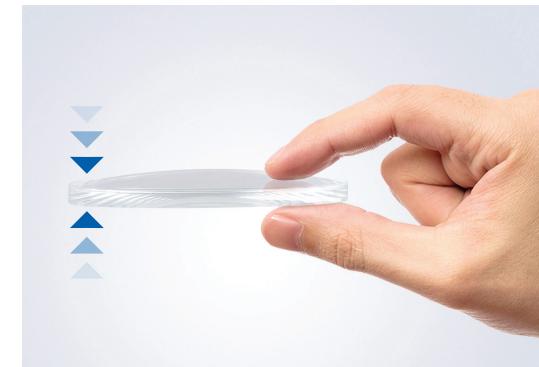
OPTIMIZED

MaxiWide adapts to each individual's way of looking as the lens is self-adjusting when it is being worn on the selected frame (optimized).



MAXITHIN

Maximum aesthetics and lightness: MAXITHIN technology makes MaxiWide the thinnest lens in its category. Being lighter also provides greater comfort.

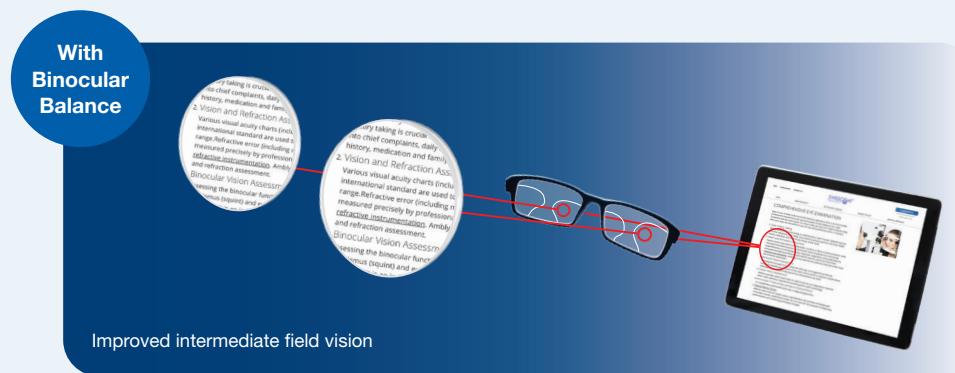


Binocular **BALANCE**

Binocular Balance technology minimizes lateral blurriness

A diverse level of astigmatism is measured between the nasal and temporal areas of the lens with much higher maximum levels in the nasal zone. It's challenging for the eye to be able to merge the image coming from each eye and form a single image. This imbalance causes diverse levels of lateral blurriness in both eyes, which implies that the optimal binocular vision is reduced.

The Binocular Balance technology allows us to balance the level of astigmatism on both sides of the pathway, minimizing the blurriness perceived by each eye. It improves binocular vision and provides the user with greater visual fields especially for intermediate and near vision.



Smart E 2.0 ADVANTAGES

- 1 Progressive lens with instant adaption
- 2 Excellent visual quality
- 3 Sharp stable vision at every distance
- 4 Advance technologies provide a highly added value position
- 5 Innovative design fits modern needs

Fitting Tips

- 1 Fitting height: 16 to 20mm
- 2 Fitting Cross above MRP 4mm
- 3 Near inset option: Available
- 4 Pantoscopic tilt: Required
- 5 Wrapping angle: Required
- 6 Back vertex distance: Required
- 7 Pupil distance: Required
- 8 Power compensation: YES

SWISSCOAT Technical Specification Plastic

Smart E 2.0						
Index	1.5	1.53	1.59	1.61	1.67	1.74
Material	Clear SunAdapt XTRActive Transitions GenS™ Nupolar Drivewear ChromaPolar	Clear NXT XTRActive Transitions GenS™	Clear Transitions GenS™ Drivewear	Clear Armour UV++ Armour Sun UV++ SunAdapt XTRActive Transitions GenS™ Nupolar	Clear Armour UV++ Armour Sun UV++ SunAdapt XTRActive Transitions GenS™ Nupolar	Clear Armour UV++ *Armour Sun UV++ Transitions GenS™
Max Diameter	75+5	75+5	75+5	75+5	75+5	75+5
Fitting Height	16mm to 20mm	16mm to 20mm	16mm to 20mm	16mm to 20mm	16mm to 20mm	16mm to 20mm
Rx Power Range	+6.00 ~ -8.00	+6.00 ~ -8.00	+6.00 ~ -9.00	+8.00 ~ -10.00	+8.00 ~ -11.00	+7.00 ~ -12.00
Addition Power	A+0.75 ~ A+3.50	A+0.75 ~ A+3.50	A+0.75 ~ A+3.50	A+0.75 ~ A+3.50	A+0.75 ~ A+3.50	A+0.75 ~ A+3.50
Power Compensation	YES	YES	YES	YES	YES	YES

Any power exceeds the power range, contact SWISSCOAT customer service officer.

* 1.74 Armour Sun UV++

Smart E 3.0

A Revolutionary Progression Philosophy



Smart E 3.0



Through algorithms calculation for lens design, a stable gradient of astigmatism is sustained and that is ideal for users sensitive to swim effect and demanders of optimum dynamic vision.

Smart Evolution 3.0 brings a broader field of view to you !

General Premium Progressive Lens



The near vision zone is wide and sharp.

SMART
EVOLUTION  3.0

NEAR VISION
PERFORMANCE



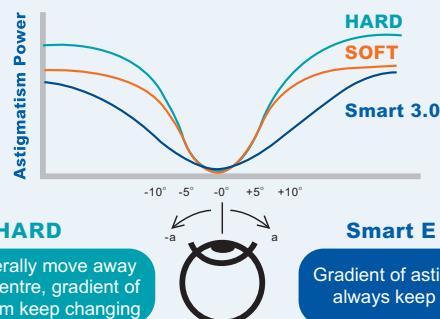
The near vision area is smaller, but the user's perception is larger because the gradient of astigmatism is smoother.

AST Stabilizer Technology limits the maximum value of distortion and control the gradient of astigmatism in a steady rate.



Astigmatism power change along a horizontal line on the lens

Gradient of astigmatism for Smart E  3.0 is stable



Not only the absolute values of maximum astigmatism that may contribute to the wearing comfort of a progressive lens pairs, the gradient of astigmatism also matter, a stable gradient of astigmatism is one of the key elements to ensure wearing comfort.

Smart E 3.0



Smart E  3.0: How the gradient of astigmatism affects the visual perception.

VA in a MODERN PAL



Strong Transition

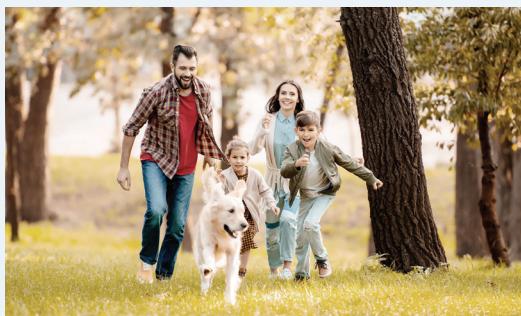
0°

10°

20°

Soft Transition

VA in Smart E 3.0



The gradient of astigmatism has a direct effect in the visual acuity perceived by the user. In a modern PAL the user moves horizontally and experiences sudden changes that negatively impact visual perception. With Smart E  3.0 these changes are minimized or rendered imperceptible, restoring visual acuity to a satisfactory level.

Smart E 3.0



When using modern progressive, presbyopes often notice the swim effect. This occurs when the patient is looking at objects placed at different distances and is moving from the principal gaze position to the sides. With Smart E 3.0 and its revolutionary progression philosophy this effect can be eliminated and the gradient of astigmatism is involved in the solution.

Improving visual perception

Smart E 3.0 is the first progressive design that considers the gradient of astigmatism to improve visual perception and to provide maximum comfort to the user. The human brain's perception is based on changes in the world around us. Through our senses it receives lots of information. Our brain is capable of focusing relevant issues and cancelling the non-relevant ones.

Smart E 3.0 is the safest option. It addressed to those consumers who enjoy confidence and comfort. Those demanding visual fields with very soft transition and ergonomic areas for their active lifestyle. Ideal for users sensitive to swim effect and demanders of optimum dynamic vision.



Limitless Perception

Distance, intermediate and near feels wider and smoother



Accelerated Adaptation

The easiest progressive lens to wear. Proven and tested



Excellence in Visual Comfort

Comfortable transition when moving between areas in all over the lens surface on swim effect



Sharp Vision at All Distance

Up to 20% unwanted astigmatism reduction



Balanced Lens

Balanced and minimized amount of blurriness at both sides of the corridor



Personalized Lens

Superb sharpness and precision in all gaze directions



Adapted to the Digital World

Comfortable position when using hand held devices



Ergonomic Design

Ensures a comfortable position of the near zone for natural reading



AST Stabilizer Technology

Limits the maximum value of distortion and control the gradient of astigmatism in a steady rate



Optimized Near Vision

Reading zone correctly aligned

Smart E 3.0 ADVANTAGES



- 1 Distance, intermediate and near feels wider and smooth
- 2 Accelerated adaptation
- 3 Excellence in visual comfort
- 4 Sharp vision at all distance
- 5 Balanced and minimized amount of blurriness at both sides of the corridor
- 6 Full personalized
- 7 Adapted to the digital world
- 8 Ergonomic design to ensure a comfortable position of the near zone for natural reading
- 9 Aesthetics and lightness to the max

Fitting Tips

- 1 Fitting height: 16 to 20mm
- 2 Fitting cross above MRP 4mm
- 3 Near inset option: Available
- 4 Pantoscopic tilt: Required
- 5 Wrapping angle: Required
- 6 Back vertex distance: Required
- 7 Pupil distance: Required
- 8 Power compensation: Optional

SWISSCOAT Technical Specification Plastic

Smart E 3.0						
Index	1.5	1.53	1.59	1.61	1.67	1.74
Material	Clear SunAdapt XTRActive Transitions GenS™ Nupolar Drivewear ChromaPolar	Clear NXT XTRActive Transitions GEN S™	Clear Transitions GenS™ Drivewear	Clear Armour UV++ Armour Sun UV++ SunAdapt XTRActive Transitions GenS™ Nupolar	Clear Armour UV++ Armour Sun UV++ SunAdapt XTRActive Transitions GenS™ Nupolar	Clear Armour UV++ Armour Sun UV++ Transitions GenS™
Max Diameter	75+5	75+5	75+5	75+5	75+5	75+5
Fitting Height	16mm to 20mm	16mm to 20mm	16mm to 20mm	16mm to 20mm	16mm to 20mm	16mm to 20mm
Rx Power Range	+6.00 ~ -8.00	+6.00 ~ -8.00	+6.00 ~ -9.00	+8.00 ~ -10.00	+8.00 ~ -11.00	+7.00 ~ -12.00
Addition Power	A+0.75 ~ A+3.50	A+0.75 ~ A+3.50	A+0.75 ~ A+3.50	A+0.75 ~ A+3.50	A+0.75 ~ A+3.50	A+0.75 ~ A+3.50
Power Compensation	YES	YES	YES	YES	YES	YES

Any power exceeds the power range, contact SWISSCOAT customer service officer.

* 1.74 Armour Sun UV++

Smart E Drive

A Revolutionary Progression Philosophy



Versatile Solution for Drivers

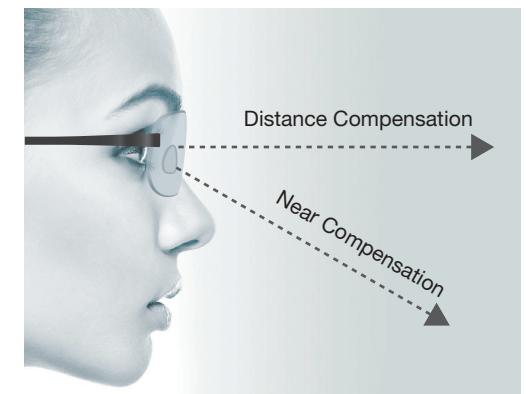


A solution for daily use that provides visual comfort for drivers



Although the vast majority of the time driving is used for distance vision, it is also necessary to perform tasks inside the car that require good vision at intermediate distances. Smart E  Drive is the solution for daily use that ensures visual comfort of drivers.

During driving it is important not only how wide the field of vision is but also how clear and stable is in order to make quick gazes to look at the dashboard. Smart E  Drive considers as-worn position parameters to provide extensive lateral vision for a better view of the exterior mirrors, other cars, road signs or pedestrian.



Smart E Drive ADVANTAGES



- 1 Comfort and Safety
- 2 Ergonomic position while driving
- 3 Full personalized
- 4 Improved contrast in low light condition avoiding ghost images

Fitting Tips

- 1 Fitting height: 17mm
- 2 Fitting cross above MRP 4mm
- 3 Near inset option: Available
- 4 Pantoscopic tilt: Required
- 5 Wrapping angle: Required
- 6 Back vertex distance: Required
- 7 Pupil distance: Required
- 8 Power compensation: Optional

SWISSCOAT Technical Specification Plastic

Smart E Drive						
Index	1.5	1.53	1.59	1.61	1.67	1.74
Material	Clear SunAdapt XTRActive Transitions GenS™ Nupolar Drivewear ChromaPolar	Clear NXT XTRActive Transitions GenS™	Clear Transitions GenS™ Drivewear	Clear Armour UV++ Armour Sun UV++ SunAdapt XTRActive Transitions GenS™ Nupolar	Clear Armour UV++ Armour Sun UV++ SunAdapt XTRActive Transitions GenS™ Nupolar	Clear Armour UV++ Armour Sun UV++ Transitions GenS™
Max Diameter	75+5	75+5	75+5	75+5	75+5	75+5
Fitting Height	17mm	17mm	17mm	17mm	17mm	17mm
Rx Power Range	+6.00 ~ -8.00	+6.00 ~ -8.00	+6.00 ~ -9.00	+8.00 ~ -10.00	+8.00 ~ -11.00	+7.00 ~ -12.00
Addition Power	A+0.75 ~ A+3.50	A+0.75 ~ A+3.50	A+0.75 ~ A+3.50	A+0.75 ~ A+3.50	A+0.75 ~ A+3.50	A+0.75 ~ A+3.50
Power Compensation	YES	YES	YES	YES	YES	YES

Any power exceeds the power range, contact SWISSCOAT customer service officer.

* 1.74 Armour Sun UV++

PREMIUM COATING

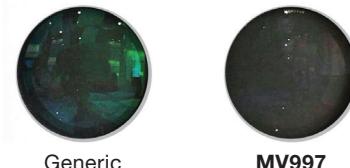
Maxiivue (MV997) MV⁹⁹⁷

A Level for Vision Performance and Protection

So Clear, So Safe An exclusive anti-reflecting coating technology from SWISSCOAT. The MV997 takes anti-reflective coating to a new level for vision performance and protection. The MV997 endure daily wear and tear.

Standard anti-reflective AR coating cannot do a good job of reducing reflection, the coating still have a noticeable greenish hue. SWISSCOAT MV997, the premium anti-reflective coating diminishes reflections on your lens to the minimum. The MV997 eliminates those greenish light flares that can be present on standard anti-reflective coatings.

The MV997 anti-reflective coating achieves up to 99.7% visible light transmission rate, it is SWISSCOAT top premium coating.



ADVANTAGES

- 1. Extreme low reflection
- 2. 100% UV protection
- 3. Scratch resistant
- 4. Water, dirt, and dust repellent

StressFree

Blue light protection – overexposure to short wavelength blue light has been clinically linked to sleep disorders, and with the average adult spending over 10 hours a day on digital devices, StressFree blue light blocking coating limit the amount of harmful blue light reaching the eye by 15%.

StressFree coating designed to block blue light have a noticeable blue hue, it is suggested to only use this coating for computer glasses and not for glasses that you will be wearing full time indoors and out.

ADVANTAGES

- 1. Blue light protection.
- 2. Reduce the amount of high energy blue light reaching the eyes.
- 3. Tremendously prevent light behind you from bouncing off the back of the lens and back into your eyes.
- 4. Reduce eye fatigue.
- 5. Enhance better vision.
- 6. Increase visual contrast.



SF NOFLEX



SF



SF 32 (Special Function Lenses*)

Clear multifunctional lenses with very low reflection for everyday wear. Increases colour contrast as well as filtering out excess blue.

Blue light filtering



Low reflection



Moderate blue filtering for light/intermediate screen users.

Blue Reflection Coating (non-tinted clear lens).

Blue light filtering



Low reflection



Extra strong blue blocker. Ideal for heavy screen users, such as those who work at computers for long hours, particularly at night#.

*Not recommended for general everyday use because of its strong yellow tint.

#Excessive blue light will affect the balance of Melatonin.

Blue light filtering



Low reflection



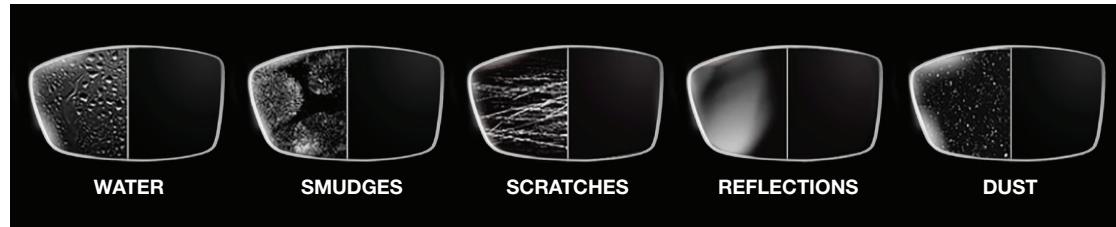
*SF32/SF noflex only applicable to 1.5, 1.6, 1.67 clear lens

SPC 2.0 New Advanced Coating



ADVANTAGES

- 1. 5 times impact resistant*
- 2. Stronger scratch resistant
- 3. Reduce smudges
- 4. Help prevent scratches
- 5. Significantly easier to clean



SPC 2.0 advanced anti-reflective coating go above and beyond simply reducing reflections, it is our most durable anti-reflective coating, a long-life and durable anti-reflective comprised of unique formulars which having advantages of

- 5 times impact resistant*
- Improved scratch resistance
- Improved hydrophobic (water repellent)
- Oleophobic (reduces finger prints)
- Anti-Static (repels dust)
- Durability (longer lifespan)

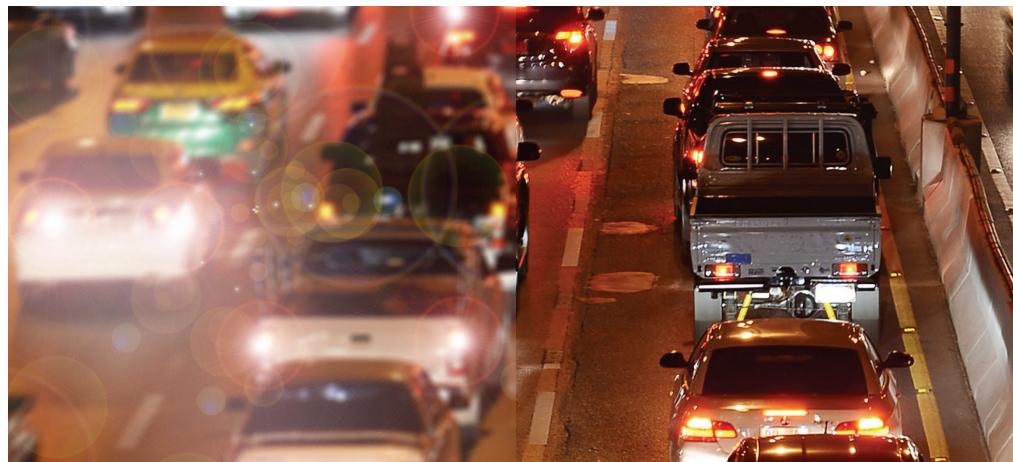
* High Index Material

Standard Anti-reflective Coating

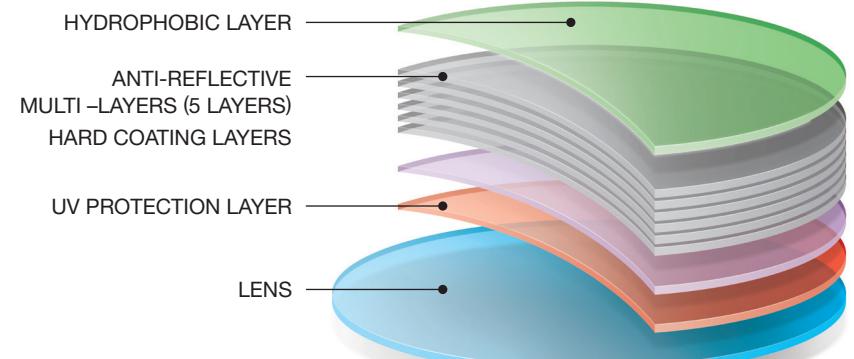


ADVANTAGES

- 1. Defuse light reflections on the front and back surface of the lens.
- 2. Allowing more light to pass through and improving visual acuity.
- 3. Improves the sharpness and clarity of your vision by diffusing light reflections on your lenses.
- 4. The dual surface anti-reflective coating provides crisp, clear vision in all light conditions.

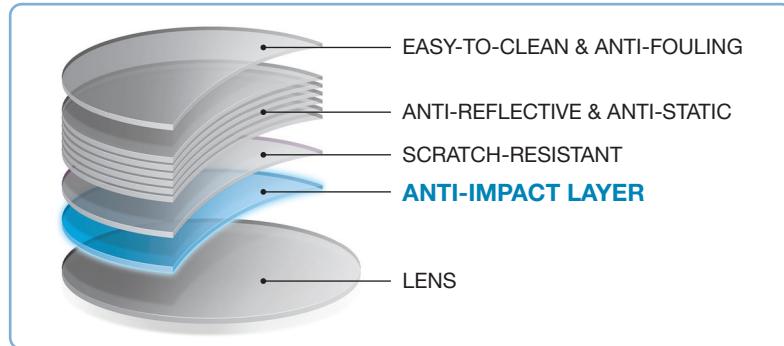


COATING THAT COME WITH SWISSCOAT LENSES



ImpactFREE

SWISSCOAT ImpactFREE Nano-Thin Anti-Impact coating provides excellent protection against shock and sudden impact. With just 520nm of ImpactFREE coating, lenses can withstand tough conditions, avoid damage and are also light and comfortable to wear. By applying ImpactFREE coating, the perfect balance of performance and comfort of high index lenses.



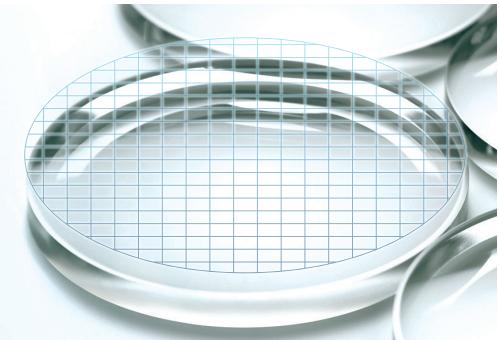
ImpactFREE the Impact resistant lens



Impact resistant with
SUPERIOR OPTICS

ADVANTAGES

1. Ideal for all activities, ImpactFREE coating effectively protects your eyes.
2. Exceptional protection and ensures excellent clarity.
3. Provides maximum durability and shatterproof performance.
4. Safer and more secure, the perfect balance of performance to all hi-index lenses.



SUNADAPT
SUPRA
ACTIVEWEAR

LENS MATERIAL

SAFETYWEAR
ARMOUR SUN 420
DRIVIEWEAR

SWISSCOAT Lens Material/Lens Type Table

Index	Single Vision			Myopia Monitoring			Sport	Bifocal		The Indoor	Progressive		
Lens Material/ Lens Type	Single Vision	SoloTECH	SoloTECH MoNo TM	KidsPRO	Kids ProTECH MYO ProTECH	MYOLock MYOStar	iAction iAction TM	Conventional	Digital Seamless	Precision Office	iRoom 4m	Conventional	Mastery
Mineral Glass	✓	N/A	N/A	N/A	N/A	N/A	N/A	✓	N/A	N/A	✓	✓	N/A
Plastic	✓	✓	✓	✓	N/A	N/A	✓	✓	✓	✓	✓	✓	✓
Trivex	✓	✓	✓	N/A	N/A	N/A	✓	N/A	✓	✓	N/A	N/A	✓
Nxt	✓	✓	✓	N/A	N/A	N/A	✓	N/A	N/A	N/A	N/A	N/A	✓
Polycarbonate	✓	✓	✓	N/A	N/A	✓	✓	N/A	N/A	✓	N/A	N/A	✓
Armour UV++	✓	✓	✓	N/A	✓	N/A	✓	N/A	✓	✓	N/A	N/A	✓
NamoGuard	✓	✓	✓	N/A	N/A	N/A	✓	N/A	✓	✓	N/A	N/A	✓
Armour Sun UV++	✓	✓	✓	N/A	✓	N/A	✓	N/A	✓	✓	N/A	N/A	✓
SunFlash	✓	✓	✓	N/A	N/A	N/A	✓	N/A	✓	✓	N/A	N/A	✓
SunAdapt	✓	✓	✓	N/A	N/A	N/A	✓	N/A	✓	✓	N/A	N/A	✓
Transitions GenS	✓	✓	✓	N/A	N/A	N/A	✓	✓	✓	✓	N/A	N/A	✓
Nupolar	✓	✓	✓	N/A	N/A	N/A	✓	N/A	N/A	N/A	N/A	N/A	✓
ChromaPolar	✓	✓	✓	N/A	N/A	N/A	✓	N/A	✓	✓	N/A	N/A	✓
Drivewear	✓	✓	✓	N/A	N/A	N/A	✓	N/A	N/A	N/A	N/A	N/A	✓

Plastic

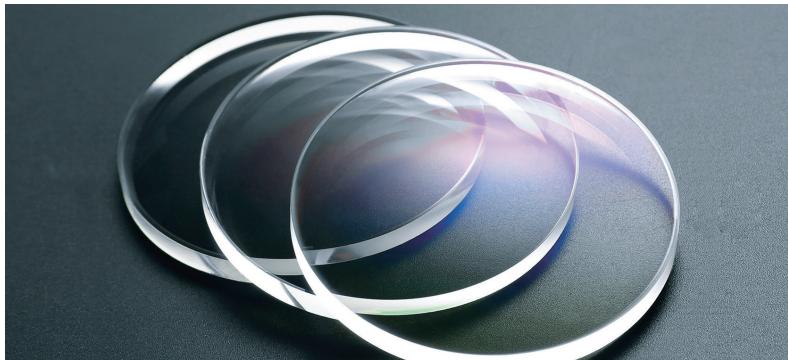


Plastic Single Vision lens from SWISSCOAT is the best quality and always manufactured using the best premium material, with wide selection of choice in index from 1.5 to 1.74 depending on your individual requirement. We guarantee you the greatest possible visual comfort.

Plastic Technical Specification

Index	1.5	1.56	1.61	1.67	1.74
Material	Clear SunAdapt Transitions GenS XTRActive Nupolar ChromaPolar Drivewear	Clear SunFlash	Clear Armour UV++ NanoGuard Amour Sun UV++ SunAdapt Transitions GenS XTRActive Nupolar	Clear Armour UV++ Amour Sun UV++ SunAdapt Transitions GenS XTRActive Nupolar	Clear Armour UV++ *Amour Sun UV++ Transitions GenS
Density	1.31/g/cm ³	1.28/g/cm ³	1.48/g/cm ³	1.35/g/cm ³	1.47/g/cm ³
Abbe Value	58	38	40	32	32
Stock Asp	✓	✓	✓	✓	✓
Spherical	✓	✓	✓	N/A	N/A
Rx-able	✓	✓	✓	✓	✓
Tintable	✓	✓	✓	✓	✓

Mineral



Mineral Glass Single vision lens from SWISSCOAT is the best quality and always manufactured using the premium mineral material in the market, with wide selection of choice in index from 1.523 to 1.90.

Mineral Technical Specification

Index	1.523	1.604	1.71	1.802	1.9
Lens Design	Spherical	Spherical	Spherical	Spherical	Spherical
Lens Base	Clear, PBX, PGX	Clear, PBX, PGX	Clear	Clear	Clear
Density	2.55/g/cm ³	2.65/g/cm ³	2.99/g/cm ³	3.65/g/cm ³	3.99/g/cm ³
Abbe Value	58	56	38	35	31
Stock lens power range Sph	PL ~ -4.00	N/A	-3.00 ~ -10.00	N/A	N/A
Stock lens power range cyl	Cyl -2.00	N/A	Cyl -2.00	N/A	N/A
Rx Lens power range	+6.00 ~ -8.50	+7.50 ~ -15.00	+9.00 ~ -17.50	-4.00 ~ -20.00	-6.00 ~ -24.00
AR coating	Green	Green	Green	Green	Green
Tinting	No	No	No	No	No

Any order exceed the above Rx production power, customer can contact our customer service officer for confirmation.

SAFEwear

Single vision lens by SWISSCOAT SAFEwear in Trilogy material guarantee you clear vision, Safety and Lightweight. SWISSCOAT SAFEwear also blocks out 100% of harmful UV rays that provide full protection to your eyes. No matter what your vision needs are, whether work or play, sport or hobby, SAFEwear is your right choice.

Today's consumer has more choices than ever, SAFEwear lenses deliver superior optics, superior impact resistance when compared with other lens materials.

ADVANTAGES

1. Superior optics and clear vision.
2. Safety - superior impact resistant.
3. Thin and Lightweight.
4. Block out 100% harmful UV rays.



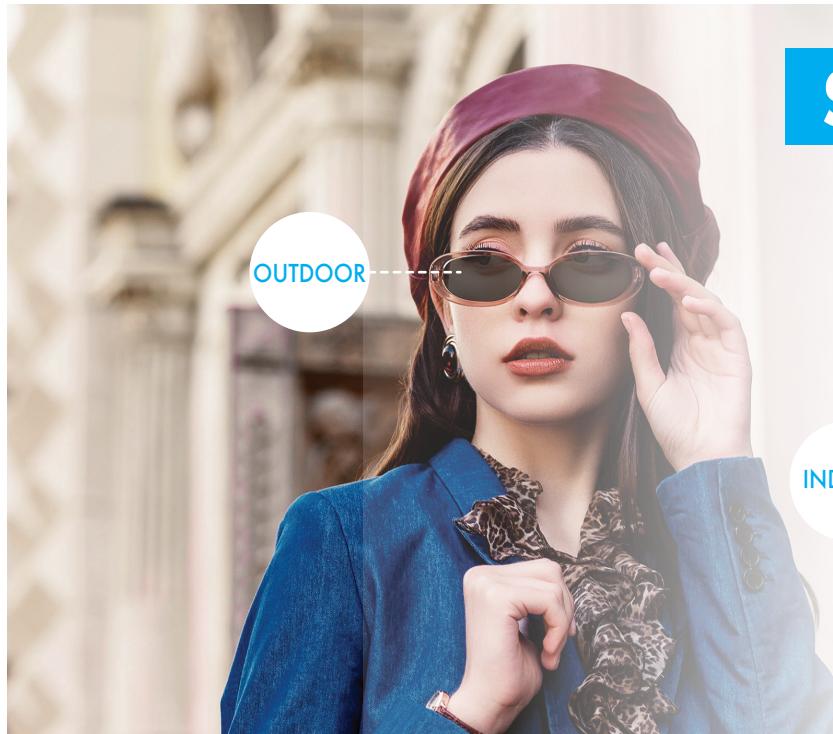
ACTIVEwear

Single vision by SWISSCOAT ACTIVEwear lens in polycarbonate material, the lens is 10 times stronger, 30% lighter and up to 50% thinner than conventional plastic lenses. They absorb all harmful UV light and are virtually shatter proof.



SAFEwear Technical Specification	
Index	1.53
Density	1.11/g/cm ³
Abbe Value	45
Lens Design	Spherical
Lens Base	Clear, Transitions Gen8, Nupolar, XTRActive
UV Protection	100%
Tinting	No

ACTIVEwear Technical Specification	
Index	1.59
Density	1.47/g/cm ³
Abbe Value	30
Lens Design	Spherical
Lens Base	Clear, Transitions Gen8, Nupolar, Drivewear
UV Protection	100%
Tinting	No



SUN FLASH

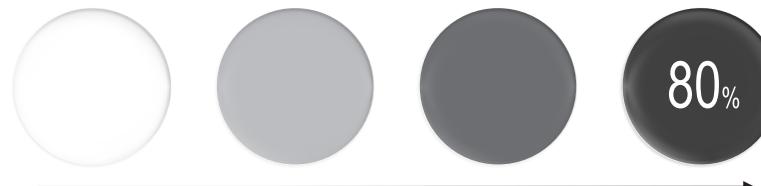
Index: 1.56

*Evolving with Light
Elevating Your Vision*

A Whole
New
Photochromic
Experience



COLOUR TRANSITIONS



UV exposure for 10 sec , colour change to **80%** darkness



DARKER TINT FASTER SPEED

With a **18.5%** & **29.8%** increase in darkening speed & color depth respectively under the same UV intensity and temperature conditions, Sunflash lenses offer enhanced protection and visual comfort.

INSTANTLY FADE NATURAL BASE COLOUR

In low light or minimal UV exposure, Sunflash lenses fade rapidly, restoring their original crystal-clear transparency - keeping your look fresh and natural, every moment of the day.

ULTRA DEFENCE STRONG PROTECTION FOR EYES

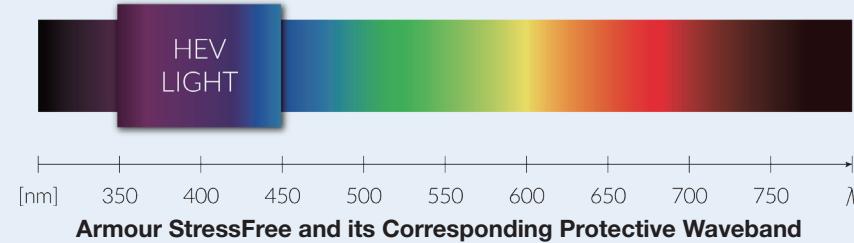
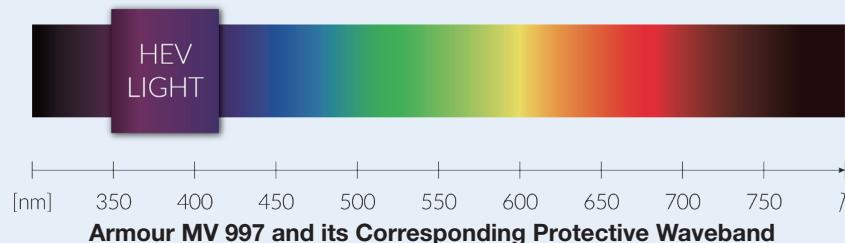


Powered by high-sensitivity photochromic molecules, Sunflash lenses activate instantly under UV exposure, transitioning seamlessly to a darker shade - **ensuring blockage of harmful light , offering ultra protection for eyes.**

Armour UV++

Armour Leading Towards a New Protective Standard

- Double-sided UV light absorption through the material (UVA, UVB)
- Not only can it block UVA and UVB, it can also block the majority of blue-violet light (400nm~420nm) over 90%.
- The material filters high energy visible light (420nm~450nm)



*Data for reference only. Blocking rate may vary with lens thickness and materials.

Benefits of Equipping Armour (Health and Visual Effects)

- Health Aspects:
 - Reduce the risk of cataracts caused by UV light
 - Prevention of accelerated aging eye skin to avoid the occurrences of dull skin, laxity, wrinkles, pigmentation, etc.

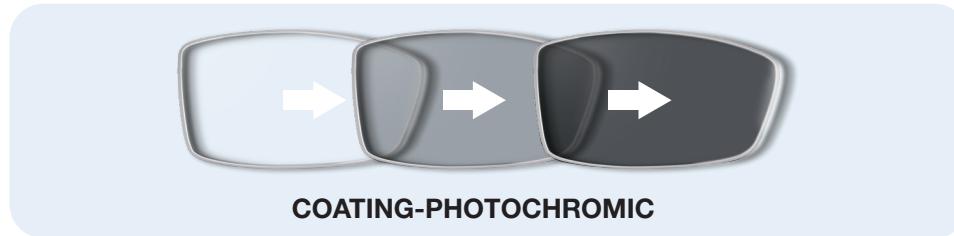
Armour Lens Material

- Suitable for:
- People who concern about healthy eyes
- Women or professional women who concern about eye skin care
- People who suffered eye disorders or have just undergone eye surgery
- People who often outgaging/exposed to strong light at work but unsuitable to wear light-filtering lenses
- People who are long-term sitting in front of the computer/smart phone and other electronic screens

Armour UV++ Technical Specification			
Index	1.61	1.67	1.74
Density	1.48/g/cm ³	1.35/g/cm ³	1.47/g/cm ³
Abbe Value	40	32	32
Lens Design	Spherical, Aspherical		
Lens Base	Clear		
UV Protection	100%		
Tinting	No		

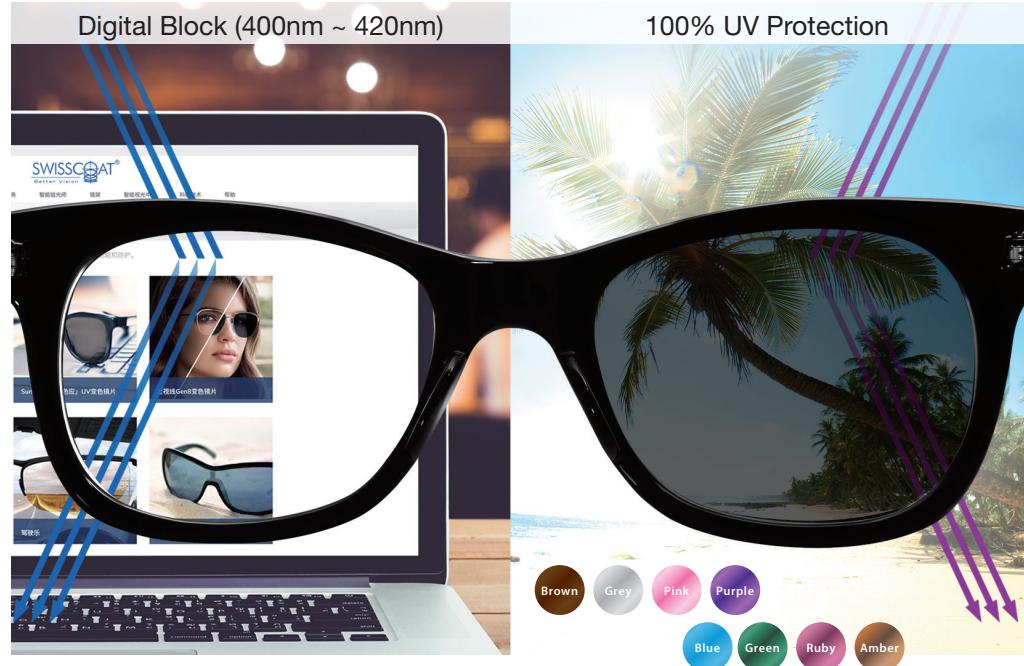
Armour Sun UV++

- Unique coating Photochromic
- Fast Coating Photochromic technology
- Great uniform Colors
- 100% protection against UVA and UVB
- Reduces HEV Blue Light
- Multiple refractive Index



Extra UV protection against blue light

Armour Sun effectively absorbs high-energy blue light generated from digital electronic devices. Armour Sun lens is highly sensitive. It is colorless transparent indoor and changes according to UV strength outdoor. The stronger UV color, the darker lens color is. Light transmittance will increase quickly when coming back indoor from outdoor.



Armour Sun UV++ Technical Specification

Index	Material	Density	Abbe Value	Len Design	UV Protection	Extra Protection	Tintable	Photo Colour	Availability
1.61	MR-8	1.48/g/cm3	40	Spherical	100%	Anti Blue Light	YES	Brown / Grey / Pink / Purple / Blue / Green / Ruby / Amber	Single Vision / Bifocal / Progressive
1.67	MR-7	1.35/g/cm3	32	Spherical	100%	Anti Blue Light	YES	Brown / Grey / Pink / Purple / Blue / Green / Ruby / Amber	Single Vision / Bifocal / Progressive
1.74	MR-174	1.47/g/cm3	32	Spherical	100%	Anti Blue Light	YES	Grey	Single Vision / Bifocal / Progressive

GO TO ARMOUR SUN VIDEO

SEE VIDEO
SCAN QR CODE



SunAdapt

Swisscoat SunAdapt lenses provide convenient protection from several types of glare. Including the kind that can seriously diminish vision.

In sunlight, mid-light or indoors, SunAdapt lenses are the optimal choice for your everyday lenses.

Transitions®
Acclimates™
Variable Tint/Photochromic Lenses



SunAdapt lenses are clear indoors and at night and darken outdoors to adapt to changing light conditions. SunAdapt lenses may be right for you...

- A all-in-one lens with Power correction, Sun block and HEV filtration function.
- Available in multifocals, and FSV with anti-reflective treatment or blue light filtering coating, effectively reduce the amount high energy blue light entering the eyes.

SunAdapt Lenses:

- Quickly darken outdoors and quickly fade back to clear indoors.
- Allow the right amount of light to reach your eyes in most lighting conditions.
- Adapt automatically to lessen eye fatigue.
- Protect your eyes outdoors from most kinds of glare and block 100% UVA and UVB.
- Provide comfort, convenience and protection indoors and out.

SunAdapt Technical Specification			
Index	1.5	1.61	1.67
Density	1.31/g/cm ³	1.48/g/cm ³	1.35/g/cm ³
Abbe Value	58	40	32
Lens Design	Spherical, Aspherical		
Lens Base	Photochromic: Brown, Grey		
UV Protection	100%		
Tinting	No		

Transitions Signature GenS

Transitions Signature GenS lenses automatically adapt to changing light conditions for comfortable vision and hassle free protection both indoors and outdoors all day long. Responding to the light around you, they intelligently change from clear to dark when you go outdoors and back to clear when you return inside.

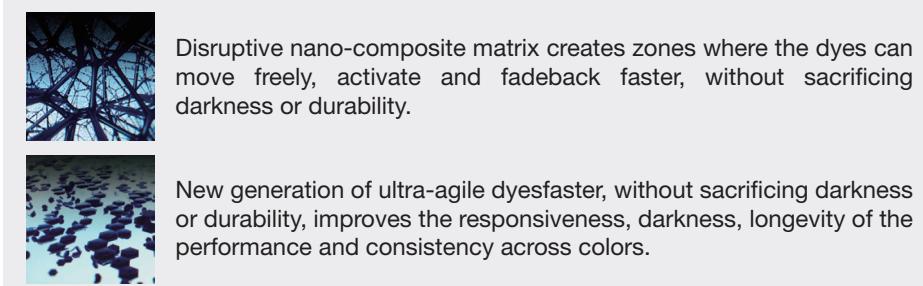
By optimizing the amount of light your eyes receive, Transitions lenses also help reduce glare, eye fatigue and strain, for more effortless sight.



Transitions Signature GenS Lenses are the result of over 5-years of research and development by Transitions Optical, all Transitions Lenses undergo Life360 testing that encompasses:

- **Laboratory Measurements** - as a baseline for standard temperature variation testing
- **Real World Measurements** - with >200 real life conditions, representing more than a thousand scenarios
- **Live Wearer Testing** - with real wearers to provide insights into wearer experience
- **Real World Modeling** - mimics the behavior of lenses in real world conditions

Breakthrough Technology delivers a new frontier of performance



Disruptive nano-composite matrix creates zones where the dyes can move freely, activate and fadeback faster, without sacrificing darkness or durability.

New generation of ultra-agile dyes faster, without sacrificing darkness or durability, improves the responsiveness, darkness, longevity of the performance and consistency across colors.

- Good for everyday life
- Activation speed up to 30%* faster
- Returns to clear 3 minutes faster than last generation
- Darkness even darker

*Compare with Transitions Signature VII

- Fully clear indoors
- Long lasting performance
- Block 100% of UV rays
- Help protect against harmful blue light

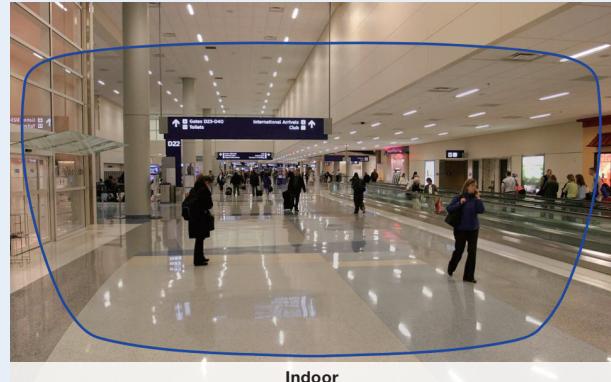
Transitions GenS Technical Specification							
Index	1.5	1.53	1.59	1.61	1.67	1.74	Lens Base
Density	1.31/g/cm ³	1.11/g/cm ³	1.47/g/cm ³	1.48/g/cm ³	1.35/g/cm ³	1.47/g/cm ³	
Abbe Value	58	45	30	40	32	32	UV Protection
Lens Design	Spherical, Aspherical				Tinting	No	

Transitions XTRActive

Transitions® XTRActive™

Transitions lenses provide convenient protection from several types of glare. Including the kind that can seriously diminish vision. In sunlight, mid-light or indoors,

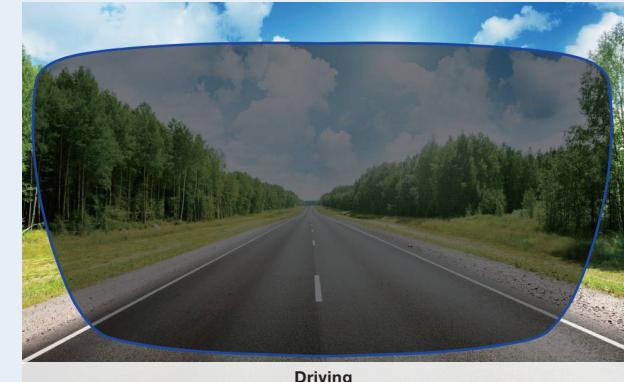
Transitions lenses are the optimal choice for your everyday lenses.



Indoor



Outdoor



Driving

WHO

Transitions XTRActive lenses provide superior darkness outdoors, in all temperatures; will darken modestly behind a windshield; and have an attractive tint indoors.

Transitions XTRActive lenses may be right for you...

- If you spend a lot of time outdoors
- If you prefer a very dark lens outdoors
- If you like an attractive tint indoors
- If you want the convenience of one pair of eyeglasses
- If you want some darkening behind the windshield

Available in gray, single vision multifocals.

WHY

Transitions XTRActive lenses:

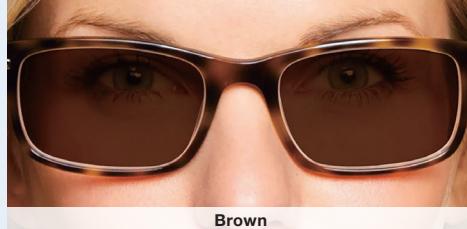
- Are the darkest everyday lens available even in hot temperatures
- Are your best option if you want a slight tint indoors
- Automatically adjust to changing light conditions outdoors
- Provide moderate activation behind the windshield
- Protect your eyes outdoors from most kinds of glare and block 100% UVA and UVB

Transitions XTRActive Technical Specification				
Index	1.5	1.53	1.61	1.67
Density	1.31/g/cm ³	1.11/g/cm ³	1.48/g/cm ³	1.35/g/cm ³
Abbe Value	58	45	40	32
Lens Design	Spherical, Aspherical			
Lens Base	Transitions XTRActive: Grey			
UV Protection	100%			
Tinting	No			

NuPolar Color Lens Simulation

The worldwide leader in polarized lenses. NuPolar is the best all around sun lens with proven quality and the glare and UV blocking you need.

NuPolar
polarized lenses



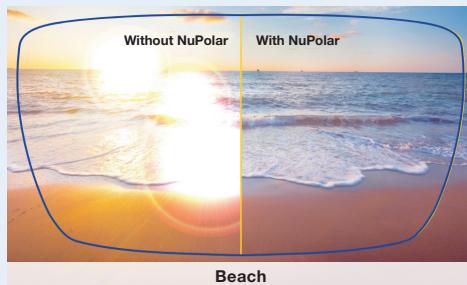
Brown



Green



Grey



Beach



Swimming Pool



Driving

WHO

NuPolar lenses may be right for you...

- If you want the total glare protection only polarized lenses offer
- If you want a really dark sun lens outdoors in all conditions
- If you enjoy the outdoors, especially activities on or around water and snow
- If you want a selection of tints
- If you want the only polarized lens that meets all accepted performance standards

Available in gray, brown, green and copper; single vision and multifocals.

Also available in non-prescription.

WHY

NuPolar lenses:

- Provide the best vision in bright sunlight
- Make your outdoor activities more enjoyable
- Lessen squinting and crows' feet
- Make driving safer by cutting glare
- Let you see true color

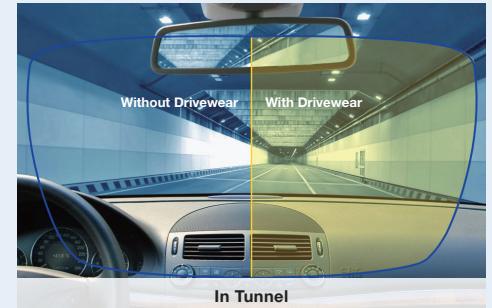
NuPolar Technical Specification

Index	1.5	1.53	1.59	1.61	1.67
Density	1.31/g/cm ³	1.11/g/cm ³	1.47/g/cm ³	1.48/g/cm ³	1.35/g/cm ³
Abbe Value	58	45	30	40	32
Lens Design	Spherical, Aspherical				
Lens Base	Brown, Grey, (Green only 1.5, 1.59)				
UV Protection	100%				
Tinting	No				

Drivewear



Drivewear Transitions lenses are the only lenses designed specifically for the driving task. They will automatically adjust to the best color and appropriate darkness behind the windshield - all to optimize your driving performance.



WHO

Drivewear Transitions lenses are the only lenses designed specifically for the driving task. They will automatically adjust to the best color and appropriate darkness behind the windshield - all to optimize your driving performance.

Drivewear Transitions lenses may be right for you...

- If you want the best visual acuity for daytime driving
- If you are concerned with UV damage and blinding glare
- If you want a great lens for driving and for outdoors
- If you want the benefits of polarization and photochromics combined
- If you want the right darkness and the right color for changing daylight driving conditions

Available in single vision bifocals and no-line bifocals. Also available in non-prescription.

WHY

Drivewear Transitions lenses:

- Adapt to changing light conditions to enhance visual performance while driving
- Polarized to make driving safer by cutting glare
- Make driving more enjoyable by improving contrast
- Lessen eye fatigue
- Protect your eyes outdoors from glare and block 100% UVA and UVB rays

Drivewear Technical Specification				
Index	1.5	1.59	Lens Base	Transitions Polarized
Density	1.31/g/cm ³	1.47/g/cm ³	UV Protection	100%
Abbe Value	58	30	Tinting	No
Lens Design	Spherical			

ChromaPolar-Verdi (CPV)

Advanced protection for sensitive eyes in a bright, digital world



ChromaPolar-Vendi (CPV)

Perfect for light sensitivity (photophobia), drivers and outdoor enthusiasts.

1. Relief for Photophobia & Light Sensitivity:

By managing intense brightness and eliminating glare, it provides significant comfort for light-sensitive eyes during daytime activities.

2. Contrast Engine:

Its **targeted 460-480nm light filter** makes orange, red, and yellow objects "pop" with unrivaled clarity against blue and green backgrounds.

3. The Digital Fatigue Shield:

Targets and blocks the 460nm high-energy blue light from screens to actively reduce digital eye strain and headaches.

4. Sky Glare Eliminator:

Cuts the specific 460-480nm spectrum that causes intense "sky glare" and light scatter, ensuring comfort for driving and outdoor sports.

5. Proactive Eye Health:

Acts as a strategic defense against cumulative exposure to high-energy visible light.



ChromaPolar-Verdi			
INdex	1.500	Color	Green
Density	1.31/g/cm ³	UVA/UVB	100%
Abbe Value	58	Spectrum	460nm

ChromaPolar-Rubyn[®]

Engineered for the Edge



ChromaPolar-Rubyn[®]

Precision-Engineered Optics: Featuring a specialized 510nm light filter, this lens is engineered for activities where exceptional visual separation and critical detail recognition define performance.

ULTIMATE LIGHT MANAGEMENT & COMFORT :

• Photophobia Relief:

Specifically designed to **soothe light-sensitive eyes**. The combination of selective filtering, polarization, and adaptive tint dramatically reduces overall light intensity and glare—key triggers for discomfort.

• Dual Performance Engineering: Engineering:

Polarized Brilliance eliminates 99.9% of blinding reflected glare from water, roads, and snow.

• Reduced Eye Strain:

By managing light intensity, maximizing contrast, and eliminating glare, the CPR lens minimizes squinting and focusing effort.

DOMINATE YOUR SPORT:

- **The Golf:** See the ball effortlessly and read greens with enhanced detail.
- **For Ball Sports:** Track high-speed white balls against bright skies and fields.
- **For Shooting/Hunting:** Acquire targets faster in complex landscapes.
- **For Fishing/Boating:** Cut through surface glare to see into the water.



ChromaPolar-Verdi			
INDEX	1.500	COLOR	Ruby Red
DENSITY	1.31/g/cm ³	UVA/UVB	100%
ABBE VALUE	58	Spectral	510nm

NANOGuard Spectral Filter lenses

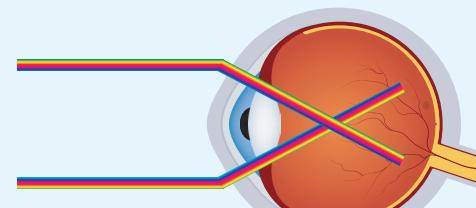
NANOGuard Spectral Filter

Scientifically Tailored Light Control. Precisely engineered to filter specific problematic wavelengths. Clearer Vision Day & Night

SWISSCOAT **NanoGuard** lenses enhance vision for drivers. Their specialized filter cuts harsh daytime sunlight and reduces disruptive glare from wet roads and headlights at night.

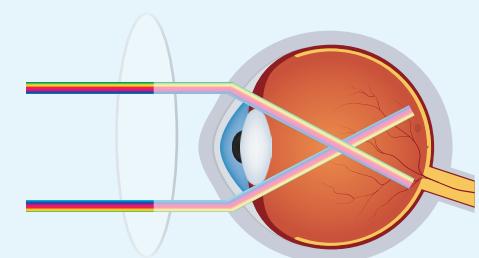
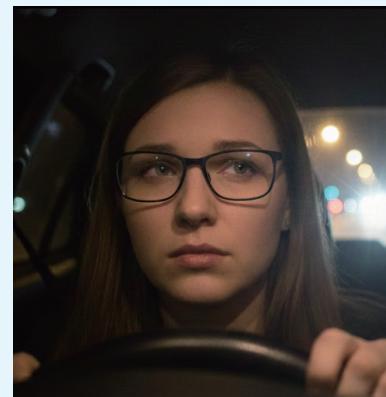
This improves contrast and color clarity, making road details, signs, and potential hazards stand out more clearly. The result is reduced eye strain and a more confident, secure driving experience around the clock.

Wearing General Lens



Intense Glare Cause Visual discomfort

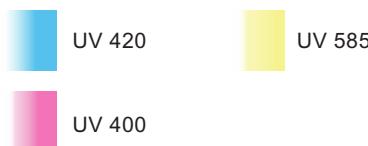
Wearing NaNoGuard



When glare is blocked,
then clear vision is achieved

NanoGuard - Multi function for blocking both blue light and glare

NanoGuard lenses professionally blocks harmful blue light and glare, and relieves the pressure on eyes of when using digital products.



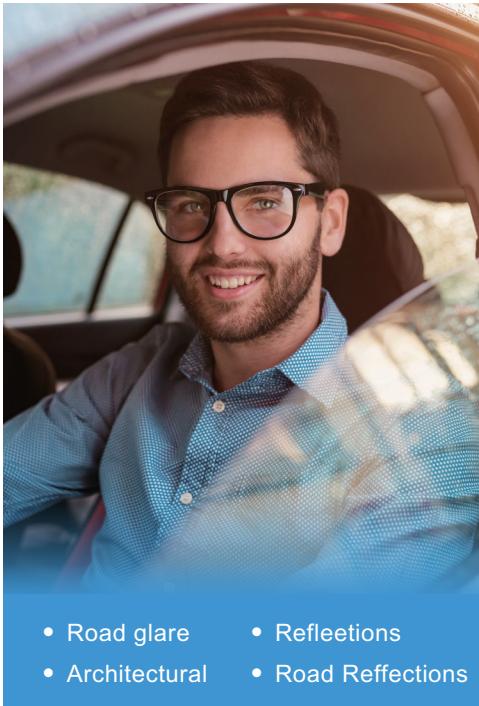
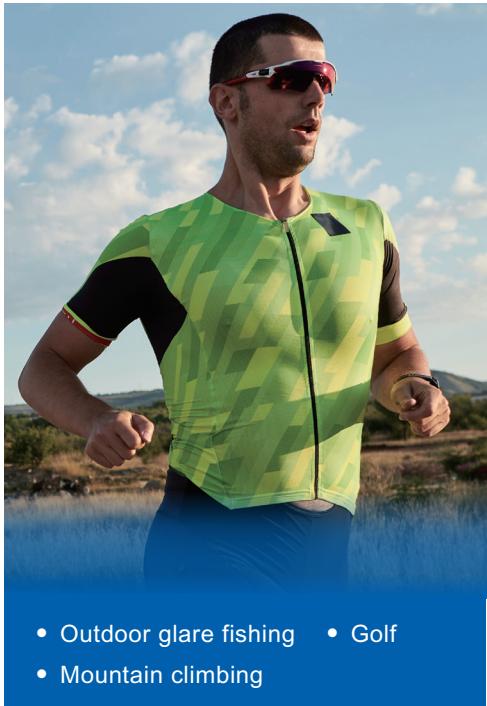
Wearing General Lens



Wearing NaNoGuard

GLARE HOW LETHAL?

NANOGuard
Spectral Filter



Color Correction



NANOGuard Spectral Filter lenses

NANOGuard

Spectral Filter

Recover color sensitivity and make eyes feel younger again while seeing colors brighter

Through its unique design, these lenses provide improved visual performance for those who are visually unbalanced. As we age, our crystalline lens yellows, which can make the eyes feel tired and disturb the visual nerves. This reduces our sensitivity to color and affects the vision.

The NanoGuard lens can effectively improve the wearer's color contrast sensitivity.

This allows the wearer to have a clearer vision and once more enjoy the colorful world.



SWISSCOAT NanoLight

Calm and Soothing Tint

- Best for indoor use , Office lighting, screens
- Cloudy days
- Night Drive



SWISSCOAT NanoDark

High Performance dark Tint

- Outdoor brightness
- Photophobia
- Blocks more overall light to reduce pain & discomfort (e.g Sunlight, bright LEDs)

LENS DESIGN
SPHERICAL
ANTI-REFLECTION COLOR

MINERAL GLASSES

ABBE VALUE
GRINNEN



Visual Comfort

Mineral Glass Single vision lens from SWISSCOAT is the best quality and always manufactured using the premium mineral material in the market, with wide selection of choice in index from 1.523 to 1.90 depending on your individual requirement. We guarantee you the greatest possible visual comfort.

Deluxe Progressive

SWISSCOAT Deluxe mineral progressive, a progressive solution to budget mineral progressive wearer, Deluxe provide comfort vision in your daily life.

SWISSCOAT mineral progressive also in Minipro and Genius design.

Office

SWISSCOAT conventional office is supplied with CR39 and mineral glass material. SWISSCOAT conventional office is created to the wearers who works long time in an office and in front of a computer, it is an ideal lens for alleviating computer vision syndrome and the alternative for reading glasses.

Technical information					
Index	1.523	1.604	1.71	1.802	1.9
Lens Design	Spherical	Spherical	Spherical	Spherical	Spherical
Lens	Clear, PBX, PGX	Clear, PBX, PGX	Clear	Clear	Clear
Density	2.55/g/cm ³	2.65/g/cm ³	2.99/g/cm ³	3.65/g/cm ³	3.99/g/cm ³
Abbe Value	58	42	38	35	31
Anti-reflection color	Green	Green	Green	Green	Green

BICYCLING
SUBWAYING
SKIING

SUNRANGE

SKINNING



UV Protected Sunglasses for SWISSCOAT'S Customers

Special sun filtered lenses newly developed to protect your eyes.

At SWISSCOAT, we offer high quality sun filtered lenses to customers looking for high-quality sun protection for their sunglasses. These newly developed designs are made with innovation in mind, and aim to protect your eyes from the harsh UV rays that commonly damage our eyes.

Why is sun protection so important for your sunglasses ?

Most people know how important it is to protect your skin from UV rays, but we still see many people unaware and apathetic towards protecting their eyes. What many people don't realize is, these rays can lead to conditions such as cataracts, macular degeneration and eye strain. UVA and UVB rays can cause damage to the whites of our eyes, the retina, the lens, the iris, the cornea and the eyelids, meaning nearly your entire eye is exposed to damage. What's more, the sun's bright light can lead to tired and overworked eyes, causing eye strain and dryness. This is why most professionals will advise you wear sunglasses on all sunny days, particularly when the sun's rays are at their strongest.

At SWISSCOAT, you can find a range of sun lenses that will protect you from long and short-term damage, while not compromising on style and fashion when choosing sunglasses.

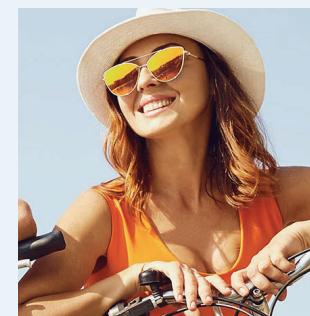


Sunsport Mirror

The SunSports Mirror is available in 10 colour to choose. With SWISSCOAT sunsports colour, opticians can now offer more choice of fashion lenses to their customer that can at the same time protect your eyes from ultra-bright light as well.



Functional Tint



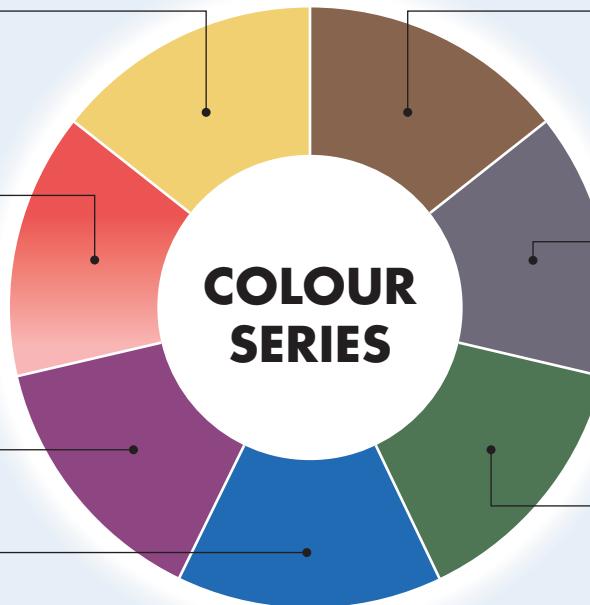
Color Tint Function by SWISSCOAT

Yellow Color Filter Lens Hardly absorb visibly light, it can improve the contrast and provide more accurate images in foggy environment of dusk.

Gradient Color Filter Lens, Outdoor can block strong sunlight. Indoor or weak light can be used, and it is beautiful and generous.

Other Color Filter Lenses are both practical and decorative, full of fashion elements.

Blue Color Filter Lens can absorb light of color equally and reduce the light intensity. Its is darker color, it gives better vision.



Brown Filter Color Lens can filter out a lot of blue light, it can improve the contrast and clarity of vision, better vision in foggy weather.

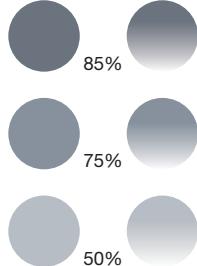
Grey Filter Color Lens can absorb light of color equally and reduce the intensity of light. Wearing grey color lenses to watch the scenery will not cause chromatic aberration, giving a more realistic and natural view.

Green Filter Color lens, it maximizes the amount of green light reaching the eyes, make people have a comfortable vision, reduce eye fatigue.

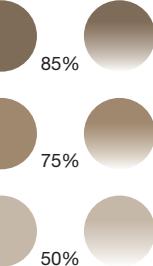
SWISSCOAT Color Stabilizing Technology

All The color filter lenses apply SWISSCOAT latest Color Stabilizing Technology to avoid color fading out after some time lenses expose under the Sun.

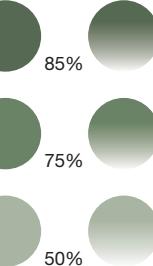
GRAY
SW027



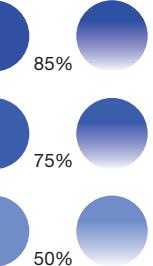
BROWN
SW030



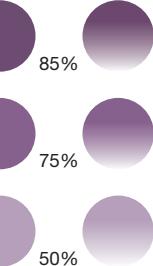
GREEN
SW025



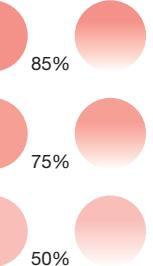
BLUE
SW034



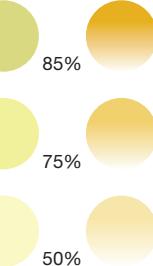
PURPLE
SW036



RED
SW002



YELLOW
SW032



SUN Filter Lens



Color for Your Face

SWISSCOAT lenses provide unprecedented clarity of vision wherever you look.

A range of Color Sun filtered lenses that absorb harmful UVA / B and offer the ideal eye protection for any active lifestyle in the sun. The cool colourful shades of life under the sun. SWISSCOAT offers you a complete range of colour for prescription lenses.

COLOR BOX™

Go beyond standard tinting and master the art of personalization. **COLOR BOX™** provides opticians with a groundbreaking technology to create uniquely customized lenses that captivate the market and captivate your customers.

Achieve flawless customization on any lens indexes. Partner with SWISSCOAT to differentiate your practice and become the destination for exclusive, high-quality tinting that answers your customers' needs with precision and elegance.



1. Infinite Customization

Unleash an endless spectrum of precise colors to meet any aesthetic or functional desire.

2. Effortless Application

Integrate a streamlined, sophisticated tinting process that enhances operational efficiency.

3. Superior Eyecare Commitment

Demonstrate profound care by providing tailored solutions that prioritize ultimate visual comfort and protection. enhances operational efficiency.

Customer's Photo



Finished Product



MGX | BrushFREE Beauty

These eye-catching MGX lenses deliver a radiant blush effect that enhances your natural glow, allowing you to skip the cheek brush. Experience the magic of color. MGX lenses effortlessly elevate your look, making a bold statement with every glance.

MGX
— Glare Free —

BrushFREE BEAUTY

Unleash your beauty with striking MGX lenses

MGX
PINKMGX
ROSYMGX
ORANGE

Available index: 1.5, 1.56, 1.61 and 1.67



LAZY DAYS?

MGX
PINK

IN A HURRY?

MGX
ROSY

SIMPLE MAKEUP?

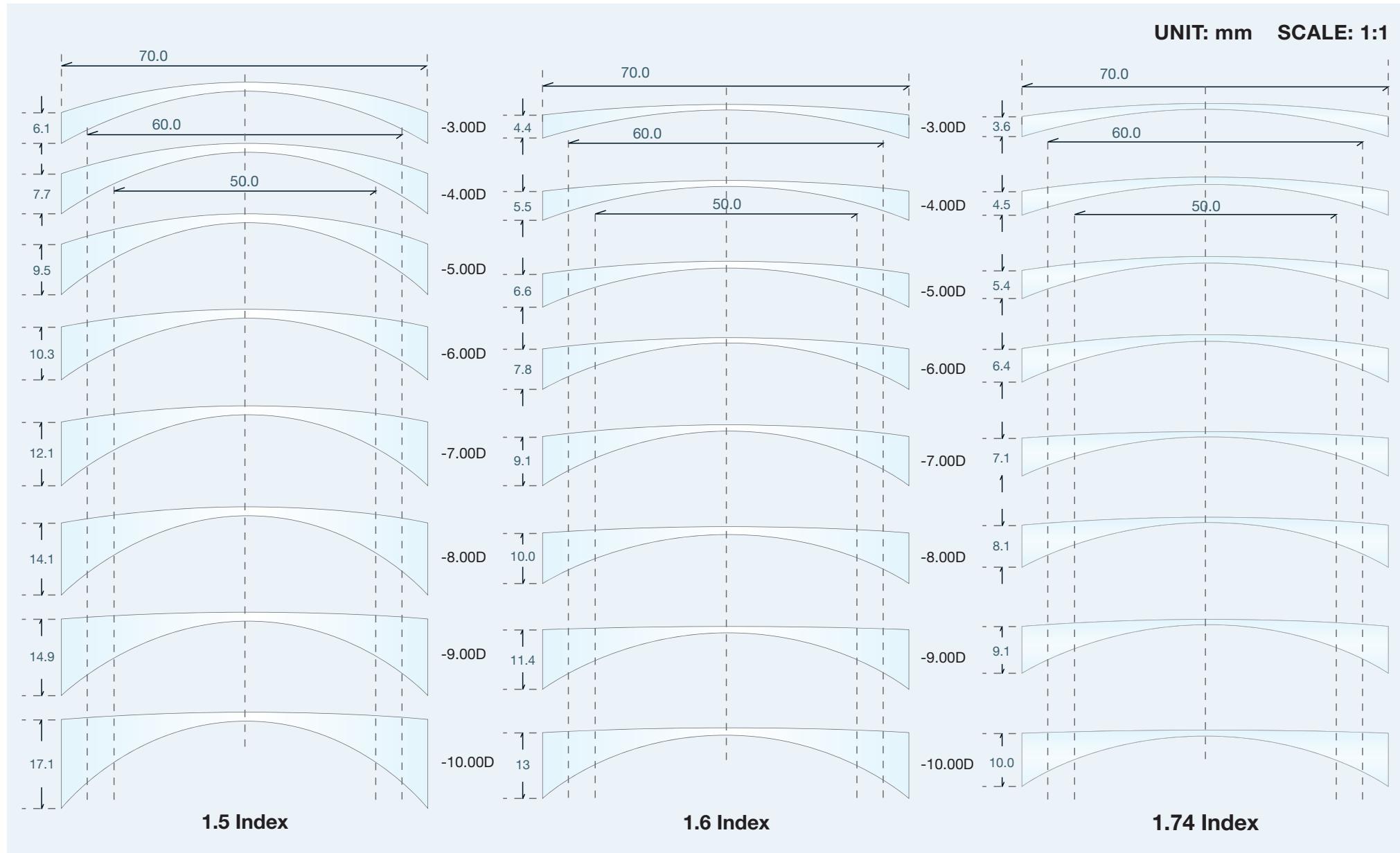
MGX
ORANGE

MYOPROTECH
ADVANTAGE
YOUNG BIFOCAL

OTHER INFORMATION

SPORT
SOLARTECH

Lens Index Chart



Centration Chart

iAction • iActionTM

Progressive

MFH (15mm & 18mm Design)

Advance Kids Pro • Kids ProTECH

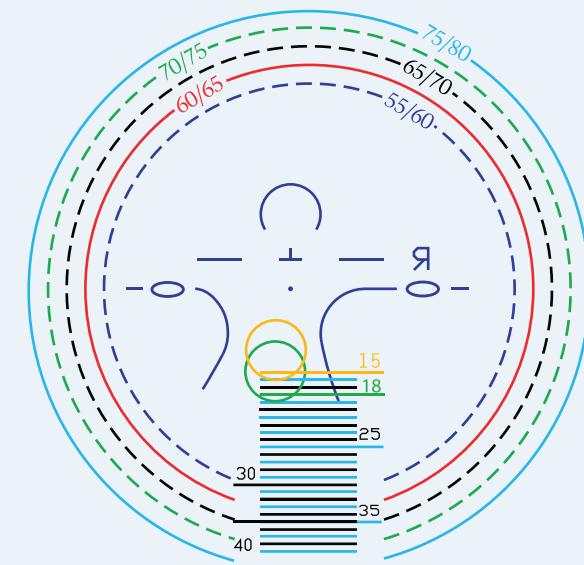
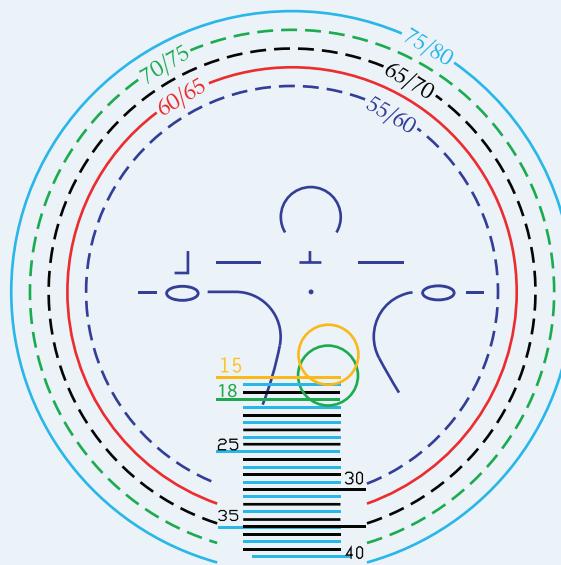
MFH (17/19/21mm Design)

iFREE

MFH (14-20mm Design) (in 1mm Schritten)

Genius

MFH (19mm)

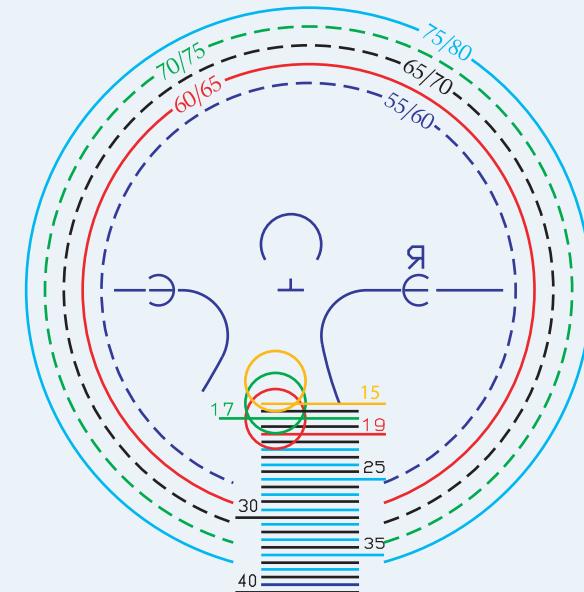
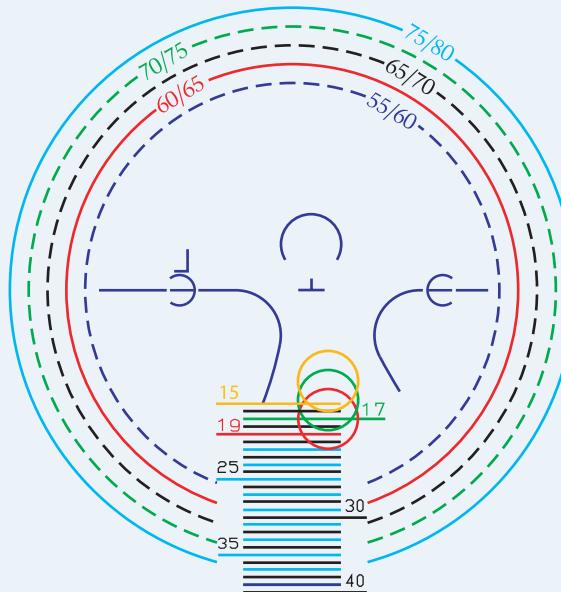


NECO • Daily

MFH (15/17/19mm Design)

iRelax

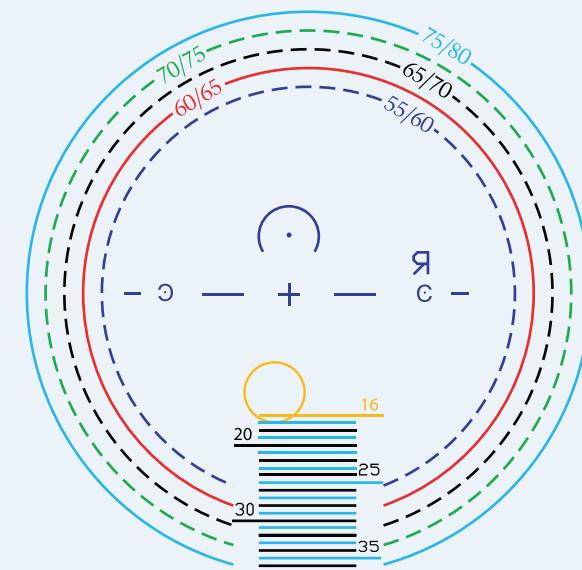
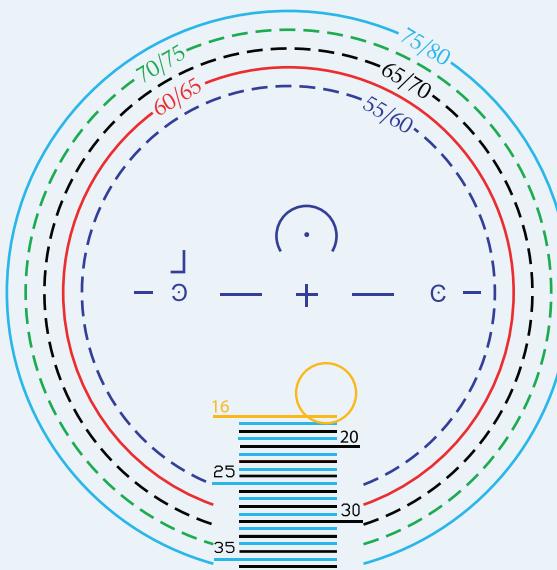
MFH (17mm Design)



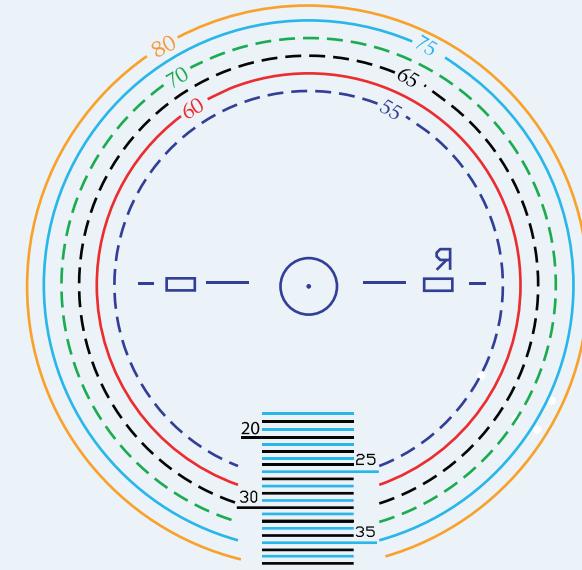
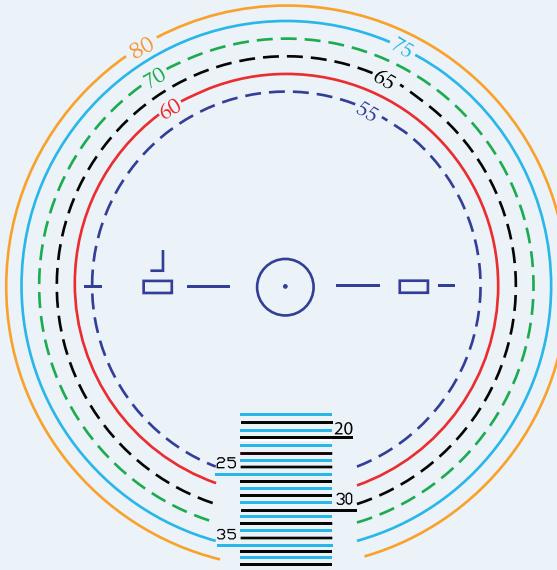
Centration Chart

Daily Office
iOffice • iRoom • iReader

MFH (16mm Design)

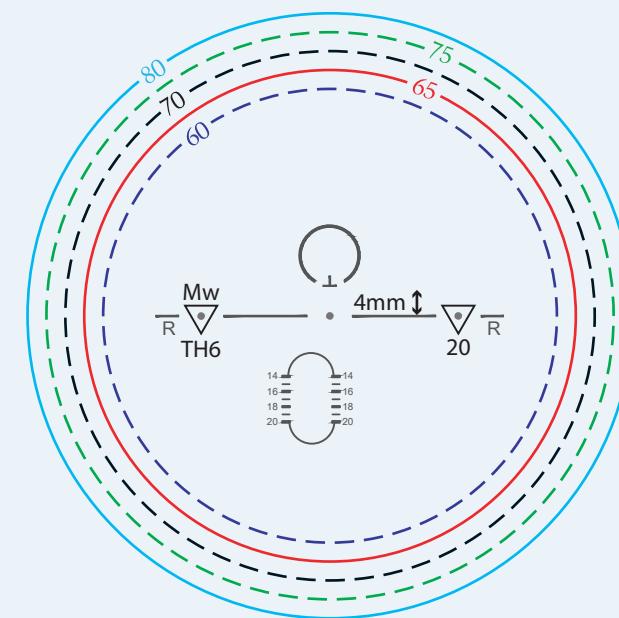
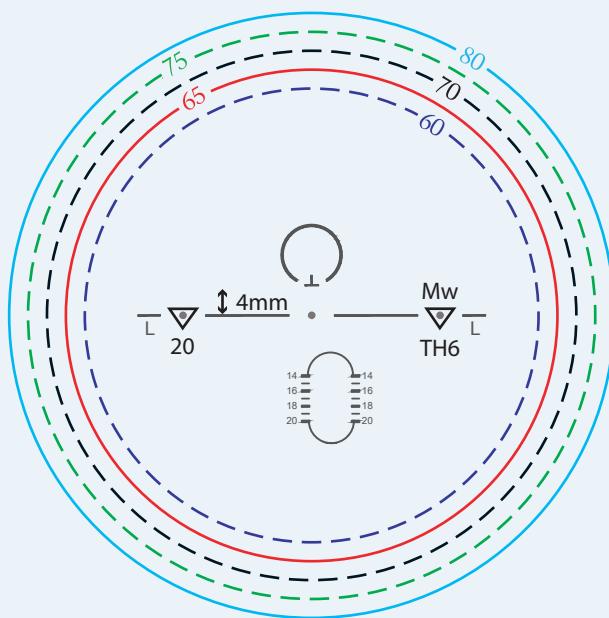


iAction • iActionTM
Single Vision

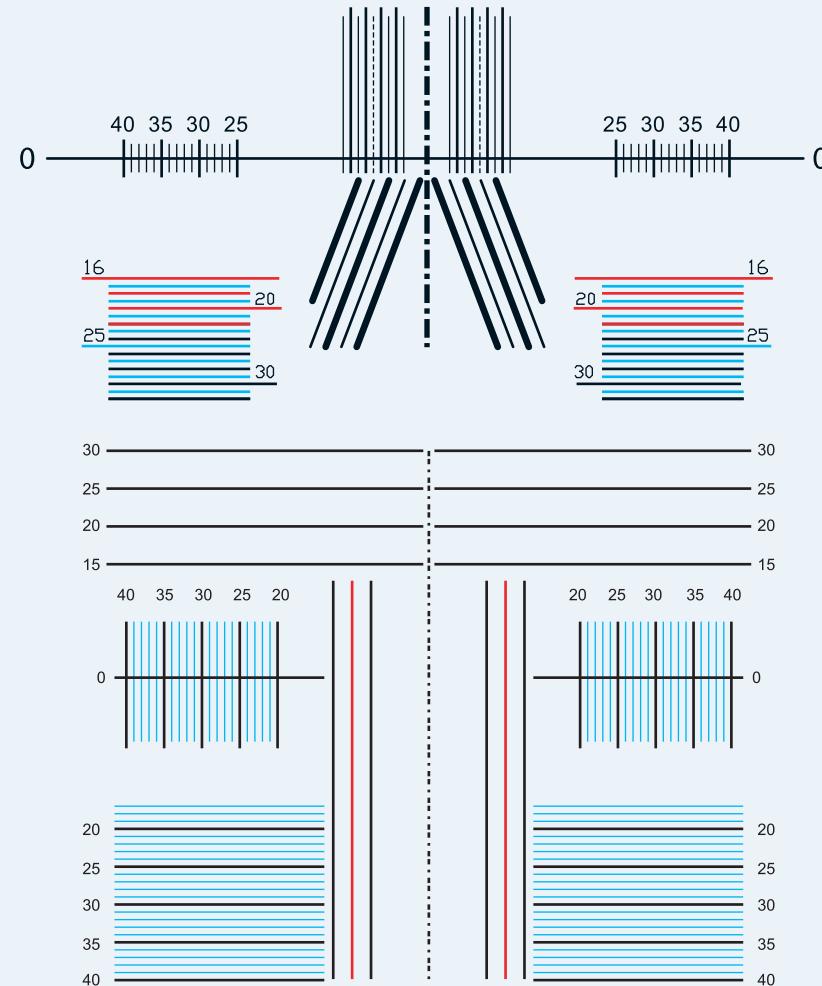


Centration Chart

Smart Evolution 
1.0/2.0/3.0
MFH (16/18/20mm Design)



Centration Chart



Lens Design Engraving

Index	Material	Material Engraving	Progressive Lens Corridor Length	Corresponding Corridor Length Marking	Complete Engraving Table						
1.5	Clear	E			E4	E5	E6	E7	E8	E9	E20
	Transitions	T			PE4	PE5	PE6	PE7	PE8	PE9	PE20
	Nupolar	Z			Z4	Z5	Z6	Z7	Z8	Z9	Z20
	Drivewear	W			W4	W5	W6	W7	W8	W9	W20
	ChromaPolar										
1.53 Trivex	Clear	V			V4	V5	V6	V7	V8	V9	V20
	Transitions	TV			TV4	TV5	TV6	TV7	TV8	TV9	TV20
	Nupolar	ZV			ZV4	ZV5	ZV6	ZV7	ZV8	ZV9	ZV20
1.586 PC	Clear	L			L4	L5	L6	L7	L8	L9	L20
	Transitions	TL			TL4	TL5	TL6	TL7	TL8	TL9	TL20
	Nupolar	ZL			ZL4	ZL5	ZL6	ZL7	ZL8	ZL9	ZL20
	Drivewear	WL			WL4	WL5	WL6	WL7	WL8	WL9	WL20
1.6	Clear/Armour UV++ Clear	H			H4	H5	H6	H7	H8	H9	H20
	Armour Sun UV++	PH			PH4	PH5	PH6	PH7	PH8	PH9	PH20
	Transitions	TH			TH4	TH5	TH6	TH7	TH8	TH9	TH20
	NanoGard	ZH			ZH4	ZH5	ZH6	ZH7	ZH8	ZH9	ZH20
	Nupolar										
1.67	Clear/Armour UV++ Clear	P			P4	P5	P6	P7	P8	P9	P20
	Armour Sun UV++	PP			PP4	PP5	PP6	PP7	PP8	PP9	PP20
	Transitions	TP			TP4	TP5	TP6	TP7	TP8	TP9	TP20
	Nupolar	ZP			ZP4	ZP5	ZP6	ZP7	ZP8	ZP9	ZP20
1.74	Clear/Armour UV++ Clear	U			U4	U5	U6	U7	U8	U9	U20
	*Armour Sun UV++	PU			PU4	PU5	PU6	PU7	PU8	PU9	PU20
	Transitions	TU			TU4	TU5	TU6	TU7	TU8	TU9	TU20

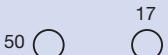
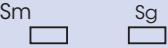
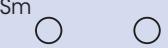
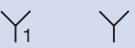
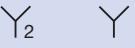
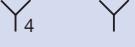
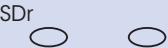
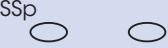
* 1.74 Armour Sun UV++

Lens Engraving Chart

ELITE PROGRESSIVE	Daily	 
	Sport	 
	Advance	 
	iFREE	 25  E5
	iFREE Advance	 25  E7
	iFREE Mobile	 25  ^m E7
	iFREE Soft	 25  ^s E7
	iFREE Super Soft	  ^s
	NECO	 
MYOPIA CONTROL	MYOProtech	 
	MYOLock	 

CONVENTIONAL PROGRESSIVE	MiniPro	 
	Genius	 
	Degressive Office	 
	iReader	 
	iRoom	  ^m
INDOOR	iOffice	 
	Daily Office	 
	iAction Progressive	 
	iAction Single Vision	 
	SPORT	

Lens Engraving Chart

Elite	iFree Soft	
Camber	Balanced, Beginners Near, Distant	
SE 1.0	Mono	 
	Glasses	 
	Comfy	 
	Reader	 
	Office	 
	Room	 
	1SEP	 
	Drive	 
	Sport	 

SE 1.0	All Round	 
	Learner	 
	Distant	 
	Mobile	 
SE 2.0	MaxiWide	 
SE 3.0	MaxiWide 3.0	 
SE Drive	Drive	 
SINGLE VISION	Polarized	 
SEEMLESS BIFOCAL	1KS28/1KS40	 
CUSTOMIZED SINGLE VISION	1UIN	 

CONTACT US

SWISSCOAT INTERNATIONAL

23/F, One Midtown, 11 Hoi Shing Rd, Tsuen Wan, N.T., Hong Kong

 +852 2751 8491

 info@swisscoat.com

SWISSCOAT FRANCE

5 Rue Tronchet 75008 Paris France

 +33 (0) 142 66 37 67

 contact@visionprolab.com

SWISSCOAT EUROPE GmbH

Wannenweg 6 4133 Pratteln Switzerland

 +41 (0) 61 971 28 28

 contact@swisscoat.com

SWISSCOAT CHINA

SWISSCOAT Center One, 20 Meide 2nd Road, Zhujiang Street,
Nansha, Guangzhou, China

 +86 (20) 8497 5662

 info@swisscoat.com