

synchrony



Portfolio

synchrony Progressive Lenses

**A complete state-of-the-art
offer for your practice.**

Understanding wearers' needs and wants.



70% of presbyopes consider clear vision at all distances the most important benefit.

66% of presbyopes often experience problems when using progressive lenses.

44% of presbyopes expect large, distortion-free vision fields.

43% of presbyopes want thin and light lenses.

33% of presbyopes want a progressive lens optimised for the working distance required when using computers.

“I want no limits for my life, whatever my activities”

“I want to see clearly and feel like I’m not wearing glasses”

Source: Market Research run in 2014 with +1,000 consumers.

The **synchrony**[®] portfolio is based on three distinct progressive lens platforms, with different levels of customisation, to cover all patients' visual needs:

- ▶ From basic and efficient solutions, to sophisticated designs for demanding wearers.

synchrony progressive lenses provide presbyopes with:

- ▶ Sharp and natural vision even when performing dynamic activities
- ▶ Comfortable vision with reduced swim effect when on the move
- ▶ Increased versatility, even at the office, due to good intermediate and reading zone utility
- ▶ Cosmetically aesthetic lenses due to flattened lens curves.

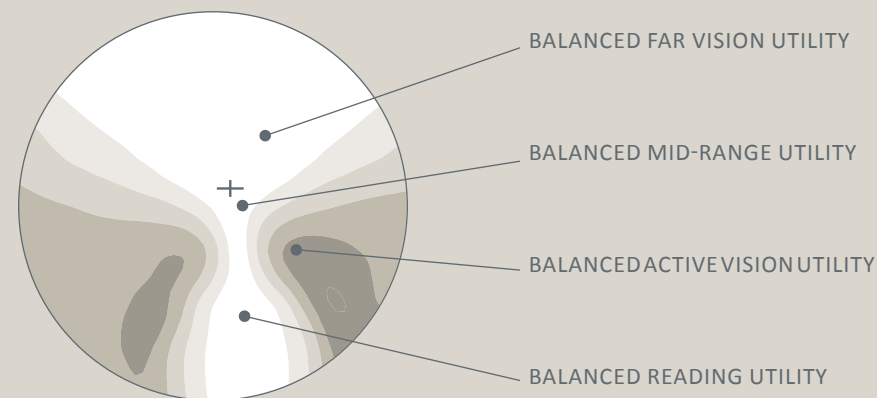


Ultra Progressive Lenses.

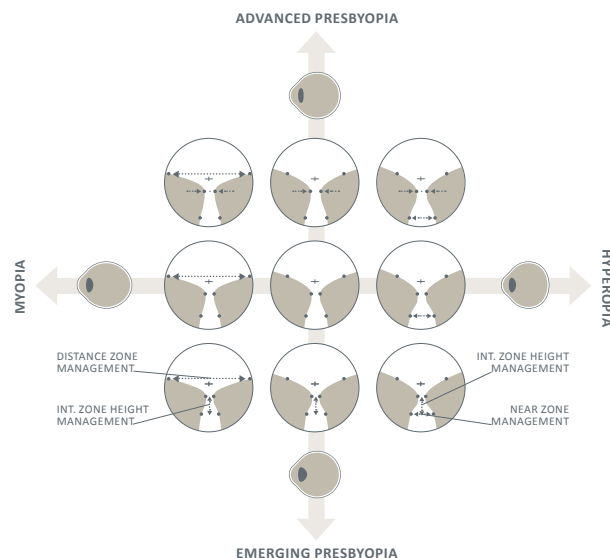
Unlimited vision for your active daily life.

Lifestyle Technology

ensures sharp and natural vision even when performing dynamic activities. It considers the size of central viewing zones which must be carefully balanced against the quality of the periphery. This enables sufficient utility for sustained viewing tasks, without compromising the visual comfort of the wearer.



Physiologically Mapped Optics® ensures all wearers get the right visual utility whatever their stage of presbyopia or their ametropia.

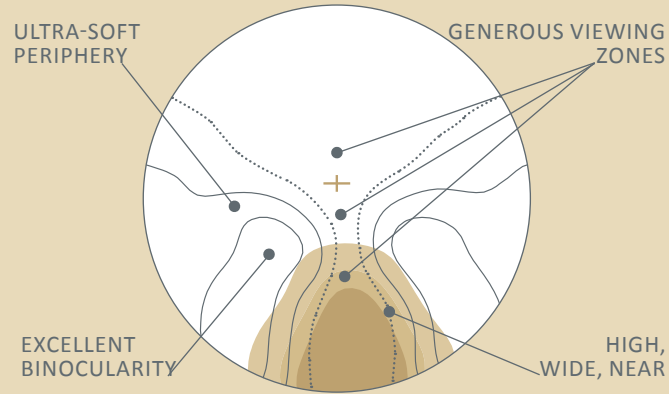


Physiologically Mapped Optics® Technology matches the physiological expectations of the wearer

- ▶ A wide distance zone for **myopes**
- ▶ A large near zone for **hyperopes**
- ▶ A short intermediate zone and an easily accessible reading utility for **emerging presbyopes**
- ▶ A longer and wider intermediate zone, using a unique lens design for every addition power for **advanced presbyopes**.

Performance Progressive Lenses. Great performance for your daily life.

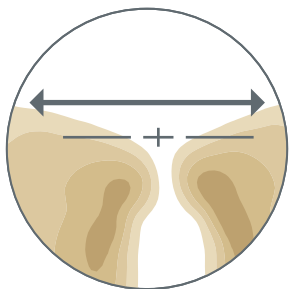
OneVision Technology ensures sharp vision at any distance, with sustained and dynamic vision, excellent binocularity and balanced vision zones.



OneVision Technology reduces the uncomfortable swim effect that makes your patients dizzy when laterally moving the head. Thus, it virtually eliminates the varying distortion of objects that provoke insecurity when climbing stairs or perceiving distances incorrectly. Your patients will feel comfortable when moving and more secure when performing daily activities.

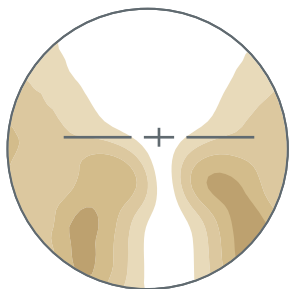
Design by Prescription® Technology ensures all wearers get a consistently excellent all round performance.

MYOPES:
WIDER DISTANCE ZONE



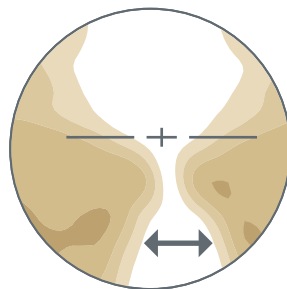
3.00 BASE CURVE, +1.00 ADDITION

EMMETROPES:
BALANCED VIEWING ZONES



4.50 BASE CURVE, +2.00 ADDITION

HYPEROPES:
WIDER NEAR ZONE



5.75 BASE CURVE, +3.00 ADDITION

Design concept for ametropia

Myopes are frequently more critical concerning their distance vision when using progressive lenses.

- ▶ **Performance Progressive Lenses** use flatter base curves and incorporate a wider distance zone.

Emmetropes expect minimal compromise in the distance zone, and no varying distortion effect in near vision.

- ▶ **Performance Progressive Lenses** offer balanced viewing zones, for a more comfortable vision at all distances.

Hyperopes really rely on progressive lenses for reading.

- ▶ **Performance Progressive Lenses** integrate steep base curves and a wider near zone.

Easy Progressive Lenses.

Easy to fit. Easy to use.

The **Easy family** of progressive lenses provides your practice with the perfect portfolio. Simply choose the perfect lenses for patients who are looking for a value-for-money solution fitted for presbyopia.



Easy Adapt HD

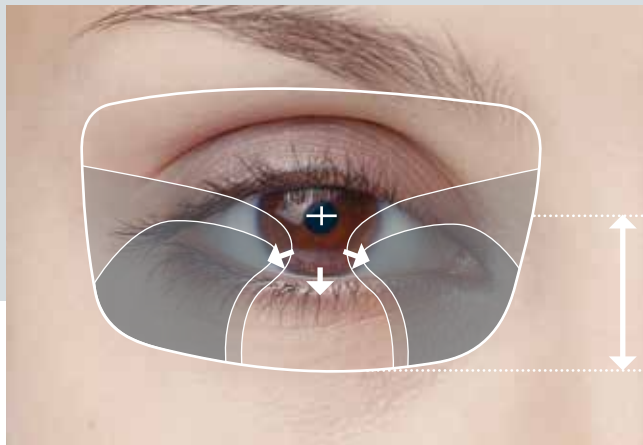
- ▶ Versatile design to perform equally well in all of the wearer's common visual activities
- ▶ Balanced central and peripheral vision.



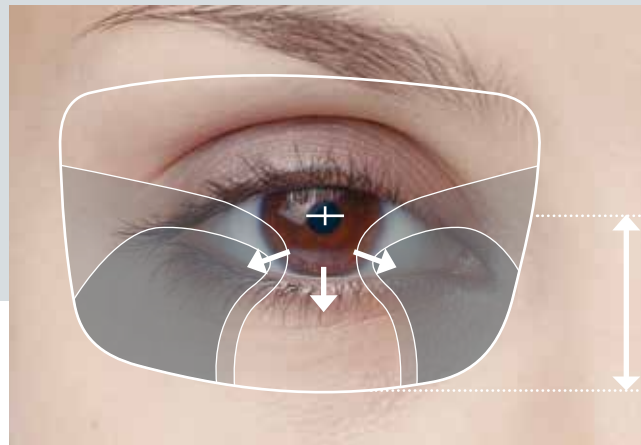
Easy View HD

- ▶ Universal design with large distortion-free fields
- ▶ Large near vision
- ▶ Smooth change of power between distance and near zones for less swim effect.

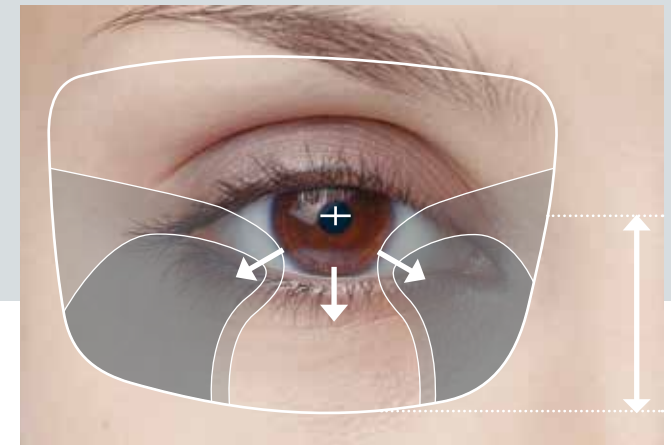
Morphing Generation® Technology delivers constant reading utility.



SMALL FRAME AND FITTING HEIGHT
SHORT CORRIDOR LENGTH, SMALLER ZONE SIZES



MEDIUM FRAME AND FITTING HEIGHT
MEDIUM CORRIDOR LENGTH, MEDIUM ZONE SIZES



LARGE FRAME AND FITTING HEIGHT
LONG CORRIDOR LENGTH, LARGE ZONE SIZES

Morphing Generation® Technology expands or contracts the corridor length and viewing zones of the lens design based on the wearer's selected frame size to maximise the optical performance and reading utility, regardless of frame size.

By combining sophisticated computer interpolation with curvature vector mapping algorithms, the overall geometry of the progressive lens design can be modified to maximise the performance of the lens for each wearer.

HD+ proprietary back-surface freeform technology enables us to directly apply the progressive design onto the lens by using high precision manufacturing technology.

This ensures accurate replication of the progressive lens design. Placing the progressive optics on a single surface, also eliminates the risk of misalignment between both surfaces.

Placing the progressive optics on the back surface maximises the fields of clear vision by having the viewing zones closer to the eyes; thus minimises unwanted distortion effects, such as skew distortion and image swim, to deliver comfortable vision when moving.

synchrony lenses represent the next step
in the evolution of CZV lenses.

Now with more designs & more solutions for your
practice to satisfy all of your patients' needs.

Ask your Account Manager for more information.

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