

synchrony



Starter HD

Progressive Lenses

Easy adaptation for
emerging presyopes.



Understanding patients' needs.



Younger presbyopic patients have unique challenges when it comes to their vision:

"I want to have the same sharp near vision when reading or working at the computer as I had before I wore glasses."

"I want my distance vision to be uncompromised."

"I don't want to wait to adapt to my lenses; my lenses should be able to adapt to me."

Source: Market research run in 2014 with +1,000 users.

Starter HD Progressive Lenses.

Easy adaptation for emerging presbyopes.



Our patented* back-surface freeform technology allows us to apply the progressive design directly to the lens using high-precision freeform manufacturing. This ensures accurate replication of the design.

By placing all of the progressive optics on the back surface, rather than splitting them between the front and back, we eliminate the risk of misalignment between the surfaces.

It also places the lens optics as close as possible to the eye, maximizing viewing zones and minimizing unwanted effects like skew distortion and image swim.

* US PATENT 6,089,713



WITHOUT HD+ TECHNOLOGY



WITH HD+ TECHNOLOGY

Physiologically Mapped Optics® ensures the needs of new presbyopic patients are met.

Physiologically mapped for presbyopia

Emerging presbyopes are used to unrestricted near vision and can still see objects at mid-range distances through either the distance or near zone of the lens.

- ▶ **Starter HD** provides a short progression length and easily accessible reading zone that reduces unnecessary eye movements. **Adaptation is easier.**

Physiologically mapped for ametropia

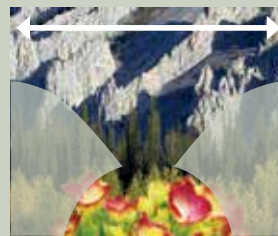
Myopes demand wider distance zones and sharp clear near vision.

Emmetropes need balanced zones for uncompromised distance vision and no distortion in their near vision.

Hyperopes rely on their lenses for reading and require a wide near zone.



— STARTER HD
- - - - CONVENTIONAL PROGRESSIVE



MYOPE: WIDER DISTANCE ZONE



EMMETROPE: BALANCED ZONES



HYPEROPE: WIDER NEAR ZONE

Starter HD ensures an easy adaptation for emerging presbyopes.

synchrony® **Starter HD** Progressive Lenses provide a natural vision experience for first-time progressive wearers.

- ▶ Clear sharp distance zone for natural vision, similar to your patients' experience with their single vision glasses.
- ▶ Wider reading zones with an easy switch from distance to near vision.
- ▶ Smooth distribution of powers throughout the lens for maximum viewing comfort and fast adaptation.
- ▶ Add powers starting at +0.50 up to +2.00 to help ease patients into progressive lenses.

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Optimized design for emerging presbyopes
(Minimum Fitting Height:
14 mm)

Availability

Material	Diameter	Colour	Rx Range	Cyl	Add Power
1.50 Hard Resin	75/95	Clear	-10.00 to +6.00D	-6.00D	0.50 to 2.00D
1.53 Trivex®	72/92	Clear	-9.00 to +5.00D	-4.00D	0.50 to 2.00D
1.59 Polycarbonate	72/92	Clear	-9.00 to +6.00D	-6.00D	0.50 to 2.00D
1.60 High Index	75/95*	Clear	-12.00 to +6.00D	-6.00D	0.50 to 2.00D
1.67 High Index	70/90	Clear	-12.00 to +8.00D	-6.00D	0.50 to 2.00D
1.74 High Index	Varies	Clear	-16.00 to +10.00D	-6.00D	0.50 to 2.00D
PhotoFusion Self-Tinting Lenses					
1.50 PhotoFusion	75/95	Grey & Brown	-10.00 to +6.00D	-6.00D	0.50 to 2.00D
1.59 PhotoFusion	72/92	Grey & Brown	-9.00 to +6.00D	-6.00D	0.50 to 2.00D
1.60 PhotoFusion	75/95*	Grey & Brown	-12.00 to +6.00D	-6.00D	0.50 to 2.00D
1.67 PhotoFusion	70/90	Grey & Brown	-12.00 to +8.00D	-6.00D	0.50 to 2.00D
Transitions					
1.50 Transitions	75/95	Grey, Brown & Vantage	-10.00 to +6.00D	-6.00D	0.50 to 2.00D
1.53 Transitions	72/92	Grey & Brown	-9.00 to +5.00D	-4.00D	0.50 to 2.00D
1.59 Transitions	72/92	Grey, Brown & XTRActive	-9.00 to +6.00D	-6.00D	0.50 to 2.00D
1.60 Transitions	75/95*	Grey & Brown	-12.00 to +6.00D	-6.00D	0.50 to 2.00D
1.67 Transitions	70/90	Grey, Brown & XTRActive	-12.00 to +8.00D	-4.00D	0.50 to 2.00D
Sun & Polarized					
1.50 Polarized	75/95	Grey & Brown	-8.00 to +6.00D	-6.00D	0.50 to 2.00D
1.53 Trivex NXT® Polarized	72/92	Grey & Brown	-5.00 to +5.00D	-4.00D	0.50 to 2.00D
1.53 Trivex NXT Photo Polarized	72/92	Grey & Brown	-5.00 to +5.00D	-4.00D	0.50 to 2.00D
1.53 Trivex NXT Tint	72/92	NXT® sun tints, mirrors	-9.00 to +5.00D	-4.00D	0.50 to 2.00D
1.53 Trivex NXT Photochromic	72/92	NXT® sun colours	-9.00 to +5.00D	-4.00D	0.50 to 2.00D
1.59 Polarized	72/92	Grey & Brown	-9.00 to +6.00D	-6.00D	0.50 to 2.00D
1.60 Polarized	75/95*	Grey, Brown & G-15	-11.00 to +6.00D	-6.00D	0.50 to 2.00D
1.67 Polarized	70/90	Grey & Brown	-11.00 to +6.00D	-6.00D	0.50 to 2.00D

* Please confirm diameter availability for Rx's over +4.00D / -5.00D with your lab

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synchrony lenses offer
more designs,
more practice solutions,
more satisfied patients.

For more information contact your Carl Zeiss Vision representative
or visit www.synchronylenses.ca

German Precision Optics Manufactured in Canada.

Carl Zeiss Vision Inc.
1-800-268-6489