

# Varilux® Comfort Max

Varilux® latest generation of ergonomic progressive lenses for all-day-long vision comfort

Also available with personalization parameters (Fit and Eyecode®).

Varilux® Comfort Max, powered by Flex Optim™ technology, is a progressive lens design that maximizes flexibility in gaze directions and postures, enhancing your patients' comfort throughout the day.

## Addressing evolving lifestyles

### 5h10

Average time spent per day on digital devices<sup>1</sup>

### 33,8 cm

Minimum smartphone reading distance<sup>2</sup>

### 40 y.o.

Age when troubles focusing up close can start in today's society<sup>3</sup>

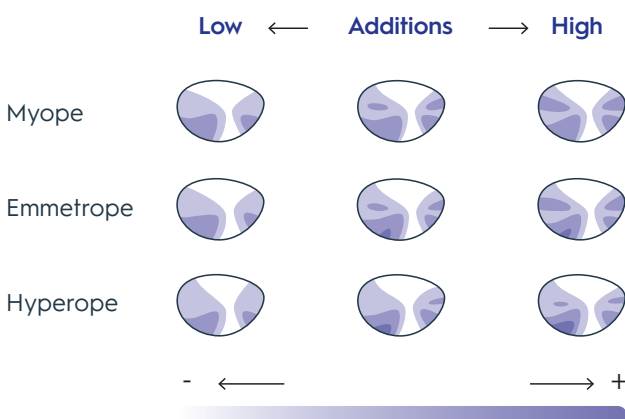
Varilux® Comfort Max lenses are designed to tackle these challenges, offering a solution for both current progressive lens wearers and presbyopes not equipped yet with progressive lenses.

## Behind the design: Flex Optim™ technology

Flex Optim™ technology starts from your patients' vision profile and tailors the design to each individual's prescription, adjusting the lens progression profile to each patient.

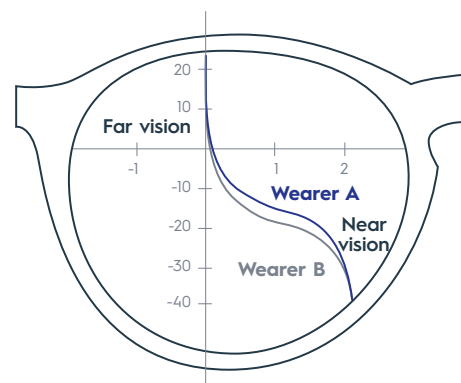
### • A design that adjusts to your patient's vision profile

Through an analysis of the needs and preferences of 1225 Varilux® lens wearers, we have created 15 distinct vision profiles. Essilor's design calculator identifies the optimal profile based on the correction and addition you order for your patient, without any additional measurements.



### • Adjusted lens progression profile to each patient

Flex Optim™ technology goes beyond simply considering the vision profile of the patient. It calculates each patient's lens progression profile, ensuring it's optimized to their unique prescription, for smooth focusing from near to far distances.



Wearer A progression profile  
Wearer B progression profile

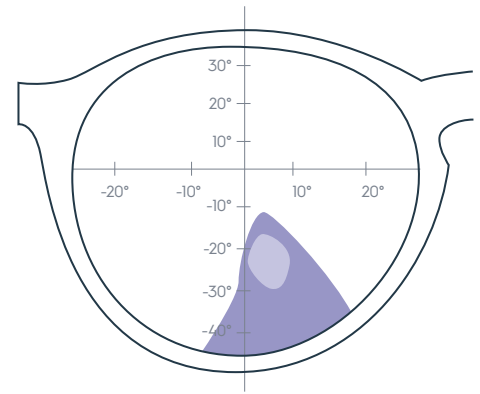
## The optical result: A unique useful vision zone that stretches the field of vision

Thanks to Flex Optim™ technology, every patient will have a unique useful vision zone maximizing the range of gaze directions.

The useful vision zone refers to the range of gaze directions enabling patients to see clearly at a specific distance. It's essentially the area where patients see sharply when looking through the lens.

Stretched useful vision zone in comparison to Varilux Comfort 3.0<sup>4</sup>

**+46%**



While looking at a laptop at 60 cm

Varilux® Comfort 3.0 lens Plano ADD 2.0

Varilux® Comfort Max lens Plano ADD 2.0

## The key benefit

Varilux® Comfort Max lenses offer increased postural flexibility, allowing to see sharply in up to 227 additional postures compared to Varilux® Comfort 3.0<sup>5</sup>. This extended range of natural postures when focusing on a target, enables to enjoy a more comfortable vision all day long.

## Outstanding feedback from Varilux® Comfort Max wearers!<sup>6,7</sup>

High satisfaction among wearers who have never tried progressive lenses beforehand:

9/10 wanted to continue wearing it<sup>6,8</sup>

8/10 experienced immediate comfort, all day long<sup>6,9</sup>

91% satisfaction in daily life situations<sup>6,10</sup>

High satisfaction among experienced progressive lenses wearers:

9/10 experienced immediate comfort, all day long<sup>7,11</sup>

97% got used to it within 2 days<sup>7,11</sup>

## Technical features and availability

### • Minimum mounting heights

Regular (17mm) / Short (14mm) / Ultra-short (12mm)

### • Manufacturing ranges

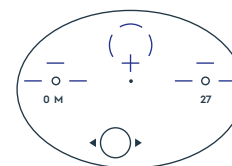
ADD +0,75 to +3.50D

Except short & ultra-short versions up to +3.00 D

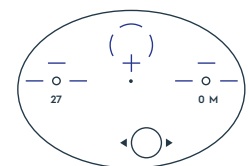
CYL 0.00 to 6.00D

### Marking and engraving:

Left eye



Right eye



1•Presbyopes U&A - B3TSI 2018 - Brazil/ Chine/ France/ India/ US (9 696 online interviews, wearers and non wearers, 30-65yo). 2•New postural behaviors related to the use of digital device involve new characteristics for occupational lenses. Damien Paillé, Jean Luc Perrin, Amandine Debieuvre. ARVO annual meeting 2015. 3•Presbyopes U&A - B3TSI 2018 - Brazil / Chine / France / India / US (9 696 online interviews, wearers and non wearers, 30-65yo). 4•Vs. Varilux® Comfort 3.0 lens. Average percentage gain in area considering 3 prescriptions (-4 Add 2, 0 Add 2 & +4 Add 2), 5 target distances (at 40cm, 60cm, 1m, 2m, 5m) and max visual acuity loss of 0.15 logMAR. 5•Essilor R&D avatar simulations 2019. Increase in the total number of head positions vs. Varilux® Comfort 3.0 lens considering a Plano Add 2 prescription, 2 target objects (at 65cm, 76cm) and max binocular visual acuity loss of 0.15 logMAR. A head position is defined as a 1 degree head angle variation, vertically or horizontally. 6•Source : Varilux® Comfort Max : in-Life & in-Key situations consumer study - EURO SYN - FRANCE - 2019 (n=53 new PAL wearers). 7•Source : Varilux® Comfort Max : in-Life & in-Key situations consumer study - EURO SYN - FRANCE - 2020 (n=84 PAL wearers). 8•Wearers who answered 'Yes' on a Yes / No scale. 9•Wearers who answered 'Somewhat agree' or 'Completely agree' - 4-point agreement scale. 10•WeAverage of %TZB in each situation, wearers who answered 'Satisfied' or 'Very satisfied' - 6-point satisfaction scale - in 5 real-life situations: Long time on computer N=53/53, Driving N=41/53, Public transportation N=23/53, Shopping N=45/53, DIY N=25/53). 11•Wearers chose among: 'Immediately', 'Minutes only', 'Hours only', '1 or 2 days', '3 to 5 days', 'more than 5 days', 'I am still not used to them'. 12•Wearers evaluated their preference on a 5 point scale from 'I prefer a lot my previous eyeglasses' to 'I prefer a lot the study eyeglasses' - % of

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