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Home / For Eye Care Professionals / Products / Eyeglass Lenses / Progressive Lenses / ZEISS Progressive Precision Lenses Superb



## ZEISS Progressive Lens Precision Superb Tailor-made to meet all individual requirements.

The uniqueness of the human body is one of the many factors influencing product development today, with an increasing demand for products that can adapt to our anatomy.

### An overall approach to the eyes and anatomy

The anatomy of individuals differs – and no two faces are alike.

If a spectacle lens is not matched to the wearer’s physiological facial parameters, they may not be able to utilize the full potential of their 3D vision, which is essential for good distance perception. Research shows that 50% of progressive lens wearers experience problems with either clear distance vision, peripheral distortions or limited 3D vision, and/or may also have difficulty judging distances.\*

\* External market research with 1,000 progressive lens wearers in Germany and USA (2014)

**ZEISS Progressive Lens Precision Superb** responds to this challenge with a solution that provides an optimum match of the eye-lens-frame system.



Technology

Benefit

Details

Product Availability

Contact

## ZEISS Progressive Lens Precision Superb. Optimized for the eyes + frame + face

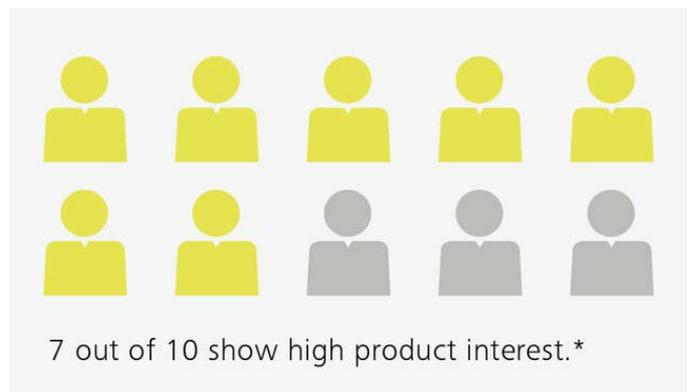
**The unique anatomy of every individual’s  
face is important.**

Taking into account the physiological position of wearer parameters allows an optimal match of the eye-lens-frame system and therefore full use of three-dimensional vision. FaceFit Technology optimizes the vision zones based on the knowledge of the exact position of the eyes and the facial fit of the frame on the nose and ears.

## Benefits for the wearer

- ✓ Better vision with full utilization of 3D vision
- ✓ Unlimited frame choice
- ✓ Fast adaptation to the lenses – in any frame
- ✓ Strain-free and clear vision when using print media or digital devices for people aged 40+
- ✓ Fast focus and good dynamic vision all day long, ideal for the challenges of today's world
- ✓ Thin and lightweight lenses

**||** 50% of wearers preferred a customized ZEISS lens design versus a standard progressive lens design. \*\*

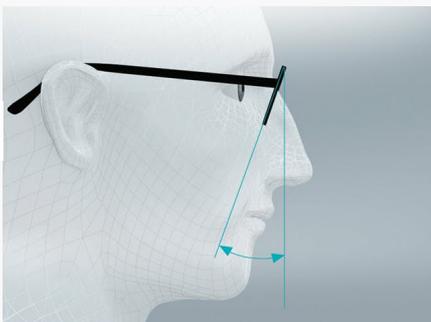


\* External market research with 400 progressive lens wearers in Germany and USA (2014)

\*\* Independent clinical study: Susan C. Han, Andrew D. Graham, Meng C. Lin (Clinical Research Center, School of Optometry, University of California, Berkeley, Berkeley, California). Clinical Assessment of a Customized Free-Form Progressive Add Lens Spectacle (Optometry and Vision Science, Vol. 88, No. 2, February 2011 pp. 234–243), 2011, n=95. In a randomized, double-masked crossover trial, 95 experienced wearers wore ZEISS Individual customized free-form PAL spectacles (test) and standard non-free-form PAL spectacles (control) for one week each

## FaceFit Technology unlocks the full potential of 3D vision

FaceFit Technology optimizes the vision zones based on data for the frame, for the position of the eyes and the fit of the frame on the nose and ears. With this precise information, lens zone sizes can be improved and the 3D vision potential fully utilized.



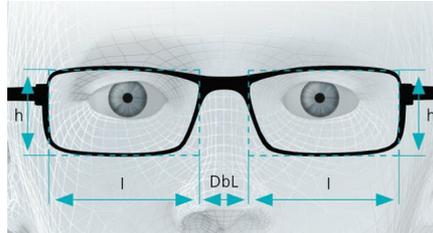
**Lens design with FaceFit Technology on a face with non-standard position of wearing parameters:**

- ✓ Full vision experience without visual compromises when looking through the progressive lens, as the lens is optimized for the face
- ✓ Full utilization of three-dimensional vision and enhanced distance perception for the wearer

## Optimized vision zones through physiological wearer parameters

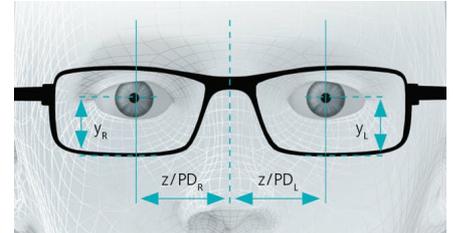
No two faces are alike. Every nose, every ear is different. There is even a difference between the left and right eye. ZEISS Progressive Lens Precision Superb is precisely fitted to the following physiological parameters of the face:

### Position of the pupil behind the lens



#### Frame data

In addition to the size and shape of the chosen frame, frame data delivers the final details for a customized optimum zone size balance and the resulting optical and aesthetic performance.



#### Fitting height and pupil distance

The correct fitting height allows any frame size and enables the lens to be designed accordingly. A precise measurement of the pupil distance ensures the perfect location of the near zone.

- h** = Frame height
- l** = Frame length
- DbL** = Distance between lenses

- y<sub>RL</sub>** = Fitting height right/left eye
- z/PD<sub>RL</sub>** = Pupil distance right/left eye

- PA** = Pantoscopic tilt
- BVD** = Back vertex distance

By using > [i.Terminal® 2](#) or [i.Terminal mobile](#), the ZEISS centration devices, all fitting measurements can be taken in a fast, simple and precise manner.

## Product Availability

	Clear / tinted	PhotoFusion	Transitions®	Polarized
<b>Plastic 1.74</b>	■ (only clear)			
<b>Plastic 1.67</b>	■	■	■	■
<b>Plastic 1.6</b> (also available in Sport)	■	■	■	■
<b>Polycarbonate 1.59</b>	■	■	■	■

**Trivex 1.53**



**Plastic 1.5**

(also available in Sport)



**Clear / umbra**

**PhotoFusion**

**Mineral 1.8**



**Mineral 1.6**



**Variable fitting height**

**Minimum fitting height**

**Recommended fitting height\***

**Type**

from 14 mm

14 mm

16 mm

\*Please find detailed information in the ZEISS price list.

ZEISS is one of the world's leading manufacturers of eyeglass lenses, and is committed to delivering maximum precision and comfort. ZEISS designs and produces lenses, instruments and measurement systems, as well as retail concepts and technology services that continue to raise the bar in vision care.



**Contact us to get started**

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