

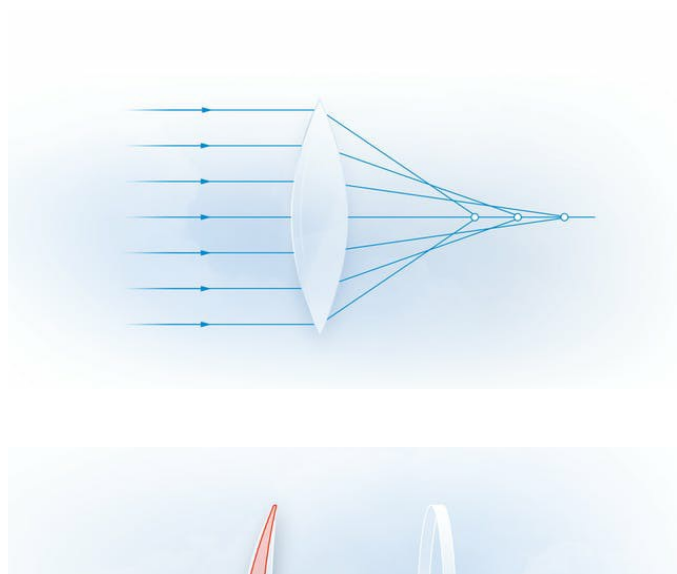


## ZEISS Single Vision AS

### The Classic Plastic Lens with an Aspheric Surface Design

Thanks to its rotationally symmetrical, aspheric front surface, ZEISS Single Vision AS displays a flatter front curvature and excellent visual quality. It is therefore visibly flatter and thinner than a ZEISS Single Vision Sph lens with the same power, especially in the plus range.

ZEISS Single Vision AS is recommended for lens wearers with high prescriptions who want cosmetically attractive, lightweight lenses with improved optics.

[Design](#)
[Benefit](#)
[Details](#)
[Product Availability](#)
[Contact](#)


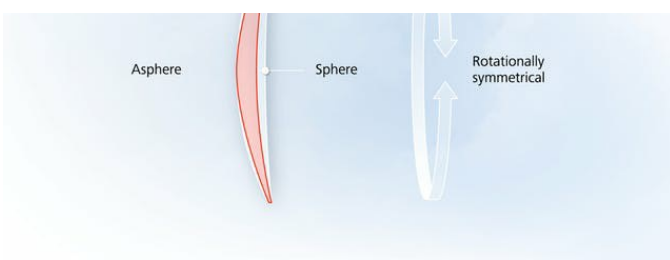
### Correcting the spherical aberration

In spherical lenses peripheral rays are more strongly refracted than rays near the optical axis. This aberration is known as spherical aberration.

The spectacle lens wearer will perceive this aberration as blur, especially when not looking through the optical centre of the lens.

### The solution: Aspherical Surface Design

If the surface of the lens is "folded open" in the peripheral areas so that the surface structure deviates from the spherical shape (aspheric surface).



All rays coming from the distance meet again at one point. The aberration is corrected.

A positive side-effect of this flattening is that it leads to thinner and lighter lenses. This effect is most evident with high plus powers. In this case, the reduction of the centre thickness also leads to a reduced magnifying effect (eyes look more natural).

## The benefits for the wearer

- ✓ In the plus range, up to 20% lighter and thinner than [ZEISS Single Vision Sph](#)
- ✓ Aspheric surface design for outstanding visual quality
- ✓ Flatter front curvature than non-aspheric or non-atoric lenses
- ✓ Eyes are less magnified than with traditional lenses
- ✓ High resistance to breakage (very suitable for sports and children's spectacles)
- ✓ Available with [DuraVision® Platinum](#)

### ZEISS Single Vision AS 1.74

Extremely thin and incredibly light. These are the outstanding features of the ZEISS Single Vision AS 1.74 stock lens from ZEISS. For all spectacle wearers with severe myopia, ZEISS Single Vision AS 1.74 stock is definitely the lens of choice. Its excellent wearing comfort makes ZEISS Single Vision AS 1.74 stock the ideal lens for all areas of use: whether at work, for leisure activities and for sport. ZEISS Single Vision AS 1.74 is so light and thin that only one thing carries weight: its compelling quality.

**Recommended power range:** Medium to high myopia from sph -5.0 D to sph -10.0 D

### ZEISS Single Vision AS 1.67

ZEISS Single Vision AS 1.67 is an extremely thin single vision lens in the range of plastic lenses available from ZEISS. It is extremely light and a very special lens in many ways.

In 1997 ZEISS was Europe's first manufacturer to succeed in polymerising a plastic lens with the super-high index 1.665 for batch production. Only by polymerising the material ourselves is it possible to provide lenses made of the high index plastic material with the proven surface know-how of ZEISS – whether it is the special asphere for single vision lenses or the progressive design of ZEISS progressive Individual 2.

**Recommended power range:** Medium to high myopia from sph -3.00 D to sph -10.00 D. Low to medium hyperopia from sph +2.00 D to sph +6.00 D

### ZEISS Single Vision AS 1.6

ZEISS Single Vision AS 1.6 is a high index plastic lens with an aspheric surface design. This combination results in flat, thin and light lenses which provide excellent visual quality. ZEISS Single Vision AS 1.6 is recommended for patients with high prescriptions who want cosmetically attractive, lightweight lenses.

**Recommended power range:** low to medium myopia from sph -2.00 D to sph -6.00 D. Low to high hyperopia from sph +1.00 D to sph +7.00 D

### ZEISS Single Vision AS 1.5

With the introduction of ZEISS Single Vision AS 1.5, ZEISS placed its range of plastic single vision lenses on an even broader basis: ZEISS Single Vision AS 1.5 is a lightweight lens made of the time-tested material CR 39 which offers even more benefits than ZEISS Single Vision Sph 1.5.

**Recommended power range:** low myopia from sph -1.00 D to sph -3.00 D. Low to medium hyperopia from sph +1.00 D to sph +5.00 D

## Product Availability

	Clear / tinted	PhotoFusion	Transitions®	Polarised
<b>Plastic 1.74*</b>	■			
<b>Plastic 1.67</b>	■	■	■	
<b>Plastic 1.6</b>	■	■	■	
<b>Polycarbonate 1.59</b>	■			
<b>Plastic 1.5</b>	■	■	■	

\*Stock lenses, only available in clear.

We recommend to adding 1 mm for more comfortable vision.  
Please find detailed information in the ZEISS price list.

ZEISS is one of the world's leading manufacturers of spectacle 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**  
ZEISS Customer Service

+49 7361 591-0  
Email



Not all products, services or offers are approved or offered in every market and approved labelling and instructions may vary from one country to another. For country specific product information, see the appropriate country website.



---

**Explore**

- Understanding Vision
- Health + Prevention
- Lifestyle + Fashion
- Driving + Mobility
- Sports + Leisure
- Work Life

**Help me choose**

- Distance + Reading Glasses
- Varifocal Lenses
- Sunglasses
- Working Glasses
- Sports Glasses
- Glasses for Children
- Lens Coatings
- Contact Lenses
- Lens Cleaning
- At the Optician
- Eye Surgery

**Services**

- My Vision Profile
- Online Vision Check
- Newsroom

**For Eye Care Professionals**

- Keep Eyes Wide Open When Choosing Your Business Partner
- Instruments + Technologies
- ZEISS Spectacle Lenses
- ZEISS Cleaning Solutions