The Solidar Family of Progressive Lenses

You Won’t Believe Your Eyes!™
Solidar BASIC

An Excellent Entry Level Progressive

The Solidar Basic is an excellent all-purpose lens. Progressive designs are seldom absolutely “hard” or absolutely “soft”, but strive instead for a balance between the two. The Solidar Basic employs a softer design in the distance periphery to improve dynamic peripheral vision, and uses a harder design in the near periphery to ensure a wide field of near vision. This “hybrid” design sensibly combines the best features of both “hard” and “soft”.

Design Characteristics

- Corridor Length (CL): 9 mm min., Variable
- Near Reference Point (NPy): 12 mm min., Variable
- Minimum Fitting Height: 17 mm
- Inset: 2.5 mm
- Decentration: up to 10 mm at max. dia. 80 mm
- Default Wrap: 5°
- Default Tilt: 7°
- Back Vertex: 13 mm
- Customize: Yes
- Wrap Support: Yes
- Atorical Optimization: Yes
- Fame Selection: Yes
- Max. Diameter: 80 mm
- Addition: 0.50 - 5.00 dpt
- Application: Universal

Solidar ADVANCED

Balanced Design Best for Everyday Wear

The Solidar Advanced is a well-balanced progressive lens for everyday wear. It’s the perfect design for new users and it’s available in four distinct designs. The Advanced Balanced, providing the perfect balance between near and distance, with a wider reading area than the Basic; the Advanced DE (Distance Enhanced); the Advanced RE (Reading Enhanced); and the Advanced Short, with a shorter corridor.

Design Characteristics

- Corridor Length (CL): 7 mm min., Variable
- Near Reference Point (NPy): 10 mm min., Variable
- Minimum Fitting Height: 15 mm
- Inset: 0 - 4 mm
- Decentration: up to 10 mm at max. dia. 80 mm
- Default Wrap: 5°
- Default Tilt: 7°
- Back Vertex: 15 mm
- Customize: Yes
- Wrap Support: Yes
- Atorical Optimization: Yes
- Fame Selection: Yes
- Max. Diameter: 80 mm
- Addition: 0.50 - 5.00 dpt
- Application: Universal
**Solidar ELITE 4K**

Superior Clarity, Smoothest Transitions!

The Elite 4K is our premier lens. It has improved transitions between all visual zones, and patented point-file software to ensure the refraction on the inside of the lens is calculated to match the prescription perfectly.

The Elite 4K has achieved the remarkable goal of neutralizing, to the greatest extent possible, the 5 principal errors inherent in off-axis vision: spherical aberration, oblique astigmatism, distortion, coma, and curvature of field. The correction of these optical errors appears as complex surface topography that provides exceptional vision, making the Elite 4K as close to wearing a single vision lens as possible. It’s everything your patients want in a progressive lens!

**Design Characteristics**

- **Corridor Length (CL)**: 7 / 9 / 11 mm and Variable
- **Near Reference Point (NPy)**: 10 / 12 / 15 mm and Variable
- **Minimum Fitting Height**: 15 / 17 / 19 mm and Variable
- **Inset**: 0 - 4 mm
- **Decentration**: up to 10 mm at max. dia. 80 mm
- **Default Wrap**: 5°
- **Default Tilt**: 7°
- **Back Vertex**: 13 mm
- **Customize**: Yes
- **Wrap Support**: Yes
- **Atorical Optimization**: Yes
- **Fame Selection**: Yes
- **Max. Diameter**: 80 mm
- **Addition**: 0.50 - 5.00 dpt
- **Application**: Universal

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**You Won’t Believe Your Eyes!™**

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**Solidar OFFICE**

Perfectly Optimized for Mid-Range Vision

The Solidar Office is an optimized reading lens with the ability to have clear vision in the mid-distance zone too. The useable distance can be controlled by the dynamic power of the office lens. The more dynamic power the lens has, the more it can also be used for distance. We offer several Office progressives that are specifically designed for computer and office use. These lenses offer enhanced intermediate and near viewing zones, at the expense of distance utility.

**Design Characteristics**

- **Add. Power**: -0.75, -1.25, -1.75, -2.25
- **Dynamic Power Office Lens**
  - **Add. Power**: 0.75
  - **Distance**: Infinity
  - **Near**: 4.00 m
  - **Intermediate**: 1.00 m
  - **Far**: 2.00 m

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Solidar I-RELAX

Reduces Eye Strain, Ideal for Students

The Solidar I-Relax. If your patient spends extended time doing task specific activities, such as reading, desk work or computer work, they may benefit from task specific glasses. Mild "add lenses" are intended as a primary pair replacement for patients wearing single vision. They are recommended for 18 to 40 year-old myopes experiencing symptoms of eye fatigue. The benefits are a power boost to reduce eyestrain for close-up activities & greater comfort than standard vision correction lenses.

Design Characteristics

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
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<tbody>
<tr>
<td>Corridor Length (CL)</td>
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<td>Application</td>
<td>Progressive Starters</td>
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The SPORTSMAN RD28

Invisible Digital Bifocal Ideal for Close-Up Tasks

- Outstanding field of view for distance vision
- Available in all Lens Materials
- Up to Add 5.00
- Near Vision Segment: 28mm

The Sportsman provides high definition, distortion free performance for both near and far vision!

The engineered lens design optimizes visual performance for exceptional distance vision

Advanced digital technology creates a highly functional reading area on the back side that is virtually invisible