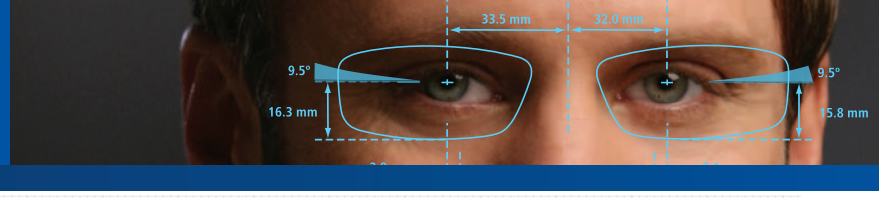
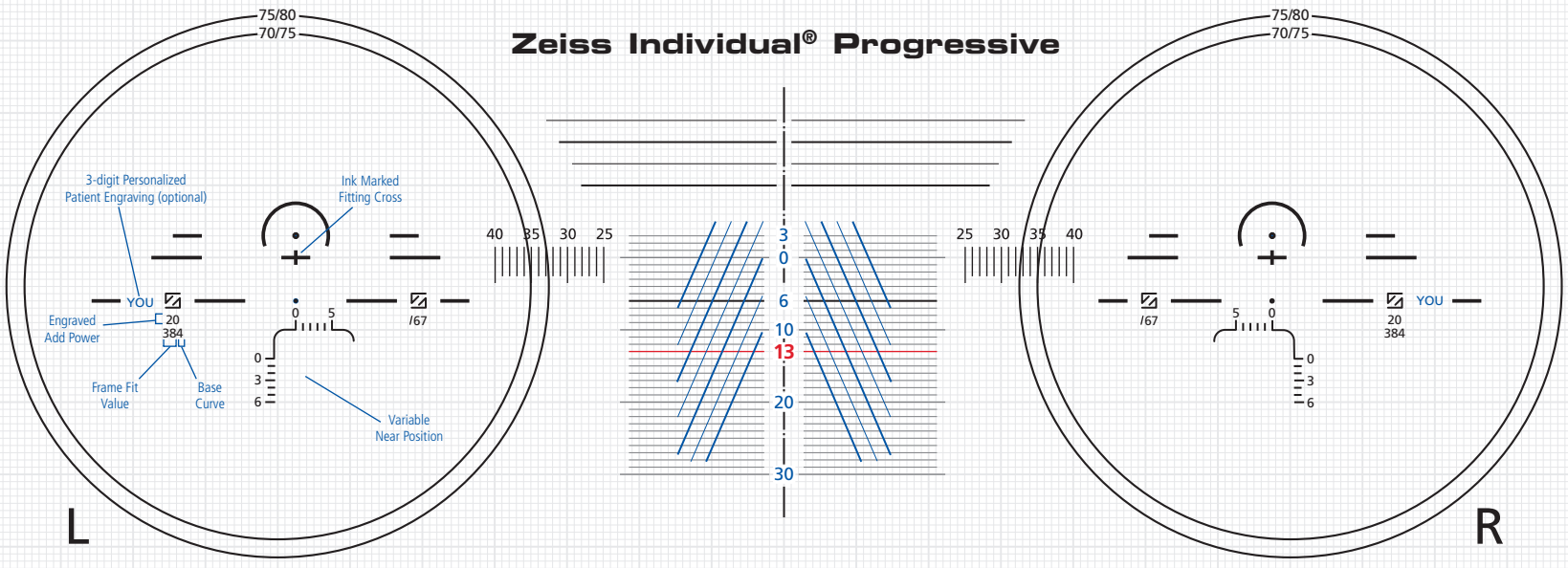
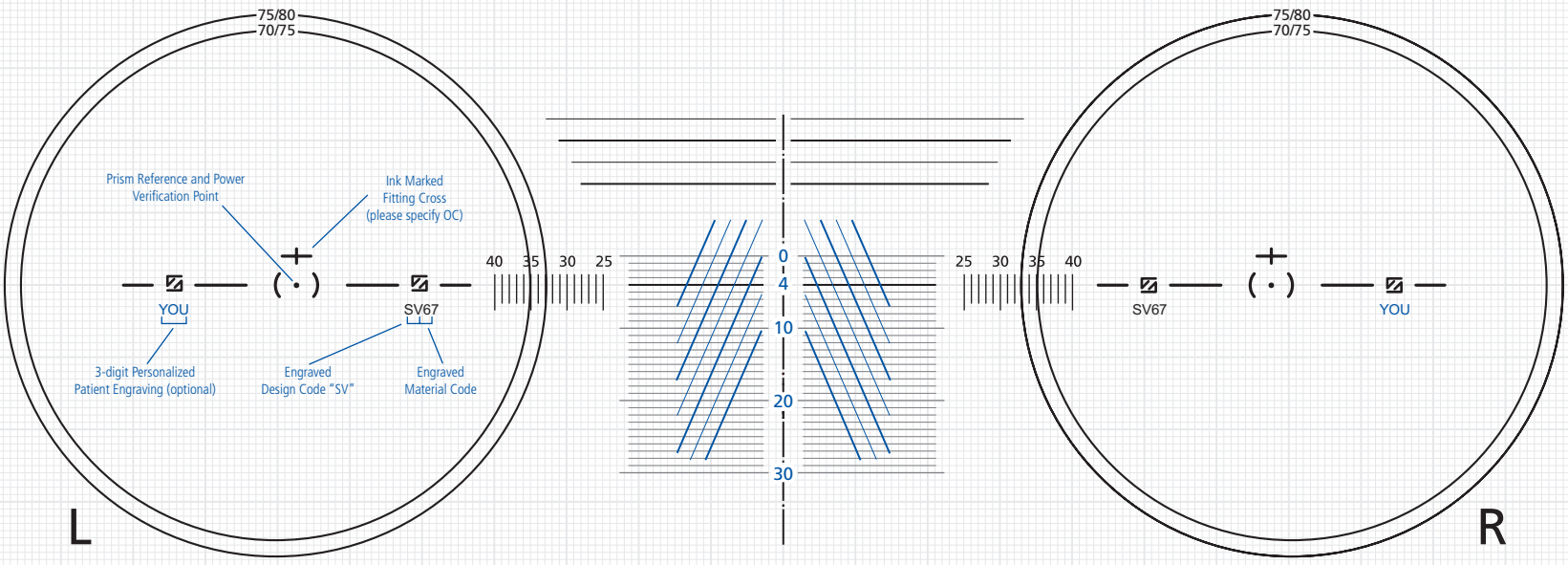
Zeiss Individual® Lenses
Engraving & Cut-Out Charts



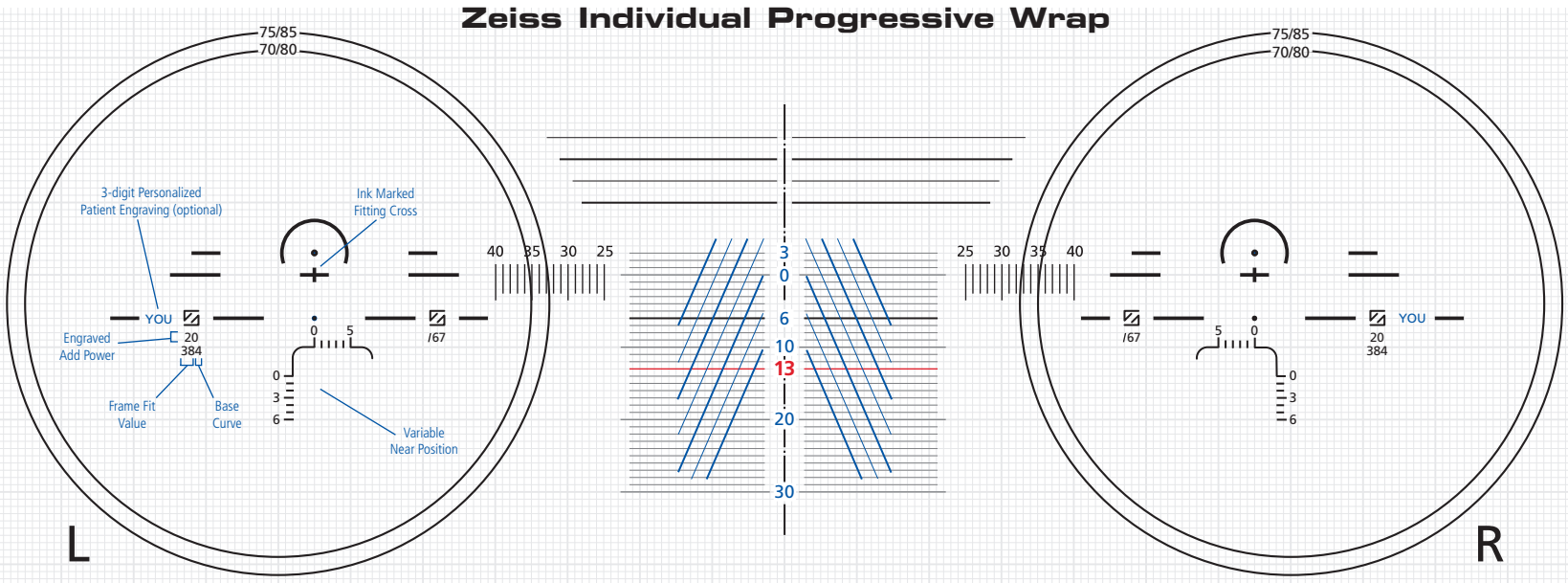
Zeiss Individual® Progressive



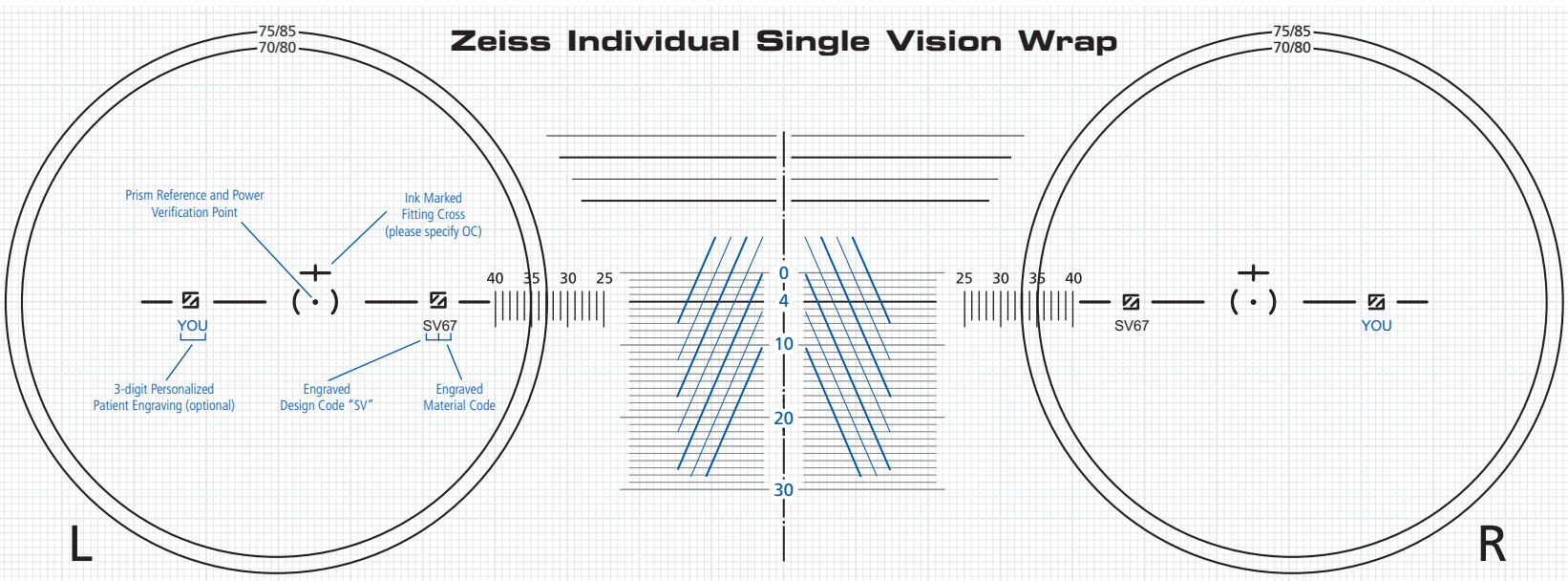
Zeiss Individual Single Vision



Zeiss Individual Progressive Wrap



Zeiss Individual Single Vision Wrap



Questions? Call the Carl Zeiss Vision Technical Service Hotline at
800-358-8258 press 3

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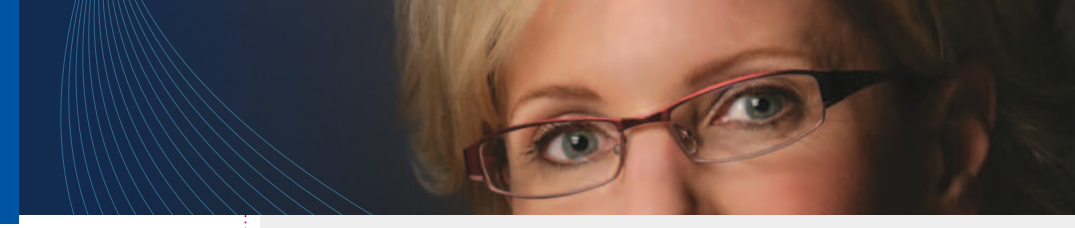
Zeiss Individual® PAL and Single Vision Fitting & Dispensing Guide



Fitting Instructions

1 FRAME SELECTION
For best vision and appearance, encourage the patient to choose a frame in which the eyes are well centered and with a "B" dimension of 21 mm or larger for Zeiss Individual® PAL. Nose pads are preferred to allow fine-tuning of the adjustment. Frames should be lightweight to reduce slipping.

2 FRAME ADJUSTMENT
The frame must be adjusted correctly prior to taking any measurements:

- 7° to 12° pantoscopic angle
- Proper face form wrap
- Close frame fit (i.e., short vertex distance), without touching skin/eyelashes

3 FITTING HEIGHT
With the patient looking straight ahead into the distance, dot each lens at the center of the pupil. Measure fitting heights with a PD ruler.

Zeiss Individual PAL	13mm to 35mm
Zeiss Individual SV	OC height required

4 PUPILLARY DISTANCE
Use a pupillometer to measure monocular distance PDs.

5 VERIFY CUT OUT
Place the right lens over the **Lens Cut Out** chart, aligning the pupil center dot over the fitting cross; repeat with left lens. If frame falls outside of the lens diameter available, lenses may not cut out. Check with your lab.

Power Verification

Zeiss Individual lenses are fully optically optimized for the lens aligned in the actual position of wear and personalized for the patients' unique combination of frame size, shape and fit. Consequently, powers (sphere, cyl, axis, add, prism) measured using a standard focimeter will differ slightly from the prescribed values because they are optically compensated.

1 Use the special Zeiss Individual Rx verification form that ships with your Rx lens order to verify the compensated Rx.

2 Check compensated distance power through the center of the distance checking circle, 3 mm above the fitting cross (PAL), or at the prism reference point (SV).

3 Check for prism imbalance at the prism reference point, located 6 mm below the fitting cross (PAL), or 4mm below fitting cross (SV).

4 Check add power by verifying that the semi-visible add power engraving under the temporal logo matches the first two digits of the prescribed add (e.g. "25" signified addition 2.50 D).

5 The near measurement location is variable because the Zeiss Individual progressive design has a variable corridor length to adapt to the patient's frame choice. An engraved 2-digit FrameFit value is located beneath the temporal logo and indicates the vertical position of the near reference point within the near ink marking.

To Locate Lens Engravings

Use a good light source and dark background to locate the ▨ engravings. The engraved add power (PAL only) is located below the temporal logo and the engraved design material code is below the nasal logo.

The ▨ engravings are located on the lens back surface, 34 mm apart or 17 mm to either side of the prism reference point. Note the prism reference point is 6 mm below fitting cross for Zeiss Individual PAL and 4mm below fitting cross (OC height) for Zeiss Individual SV. Use a felt-tip pen to dot the center of each engraving.

Place the front surface of the lens over the ink markings, centering the dots within the corresponding engravings. Draw in the remaining markings with a felt-tip pen. Reusable verification masks are available from Carl Zeiss Vision.

Dispensing Instructions

1 VERIFY LENSES

- Completed lenses should have ink markings.
- If there are no ink markings, see how to locate the lens engravings (above).
- The fitting cross should be at pupil center when eyeglasses are on the wearer.
- Check that the patient engraving matches the lens order.

2 RE-CHECK FRAME ADJUSTMENTS

- Pantoscopic angle.
- Face form wrap angle.
- Back vertex distance.

3 SHOW PATIENTS HOW TO USE LENSES

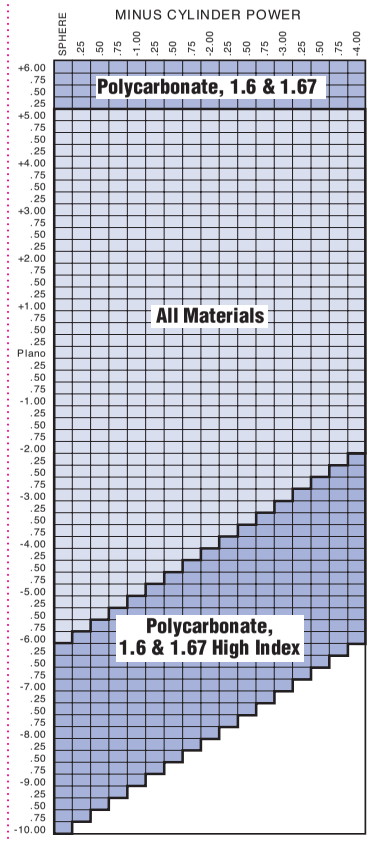
- The extent of the visual fields.
- The transition between distance, intermediate and near zones (PAL only).
- Proper side-to-side head movement for peripheral viewing.

4 PROVIDE CERTIFICATE OF AUTHENTICITY

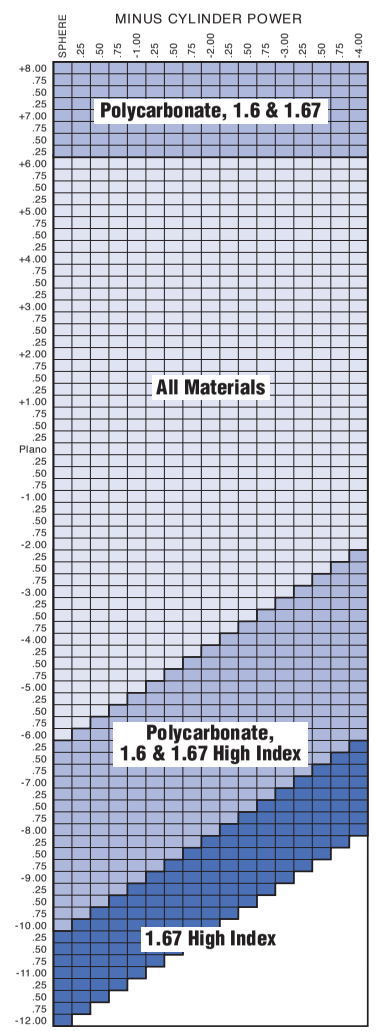
- Deliver the Zeiss Individual Certificate of Authenticity with premium cleaning cloth.
- Demonstrate the location of their personalized patient engraving (adjacent the temporal logo).

Rx Range Availability

Zeiss Individual® PAL



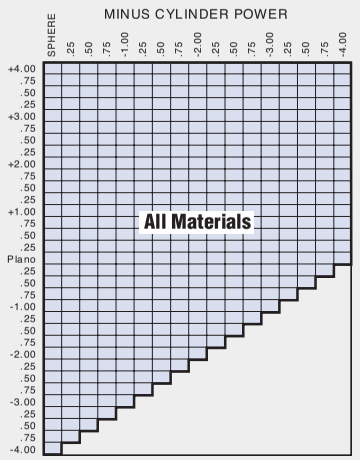
Zeiss Individual® SV



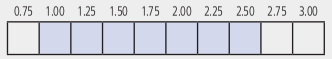
ZEISS 1.74 Super High Index Rx range availability is -20.00 to +16.00 D, cylinder to -6.00 D. Diameters vary. Please consult part #000.0139.16770 for full details.

Wrap Lens Rx Range Availability

Zeiss Individual® PAL & SV Wrap



Add Powers



For high base curve sport and fashion wrap frames, be sure to select a customized lens designed for wrap styles.

Frame wrap angle may be specified at the time of lens order, to max 25-degrees.

If no frame wrap measurement is provided, a default of 15-degrees will be used.

To measure the wrap angle, use i.Terminal™ by ZEISS digital centration device or the ZEISS wrap angle manual tool (part #000.0139.16090).

Zeiss Individual® PAL Availability

Material	Color	Diameter**	Rx Range*	Add Powers
1.50 Hard Resin		75/80	-6.00 to +5.00D	+0.75 to +3.50D
1.50 Transitions®	Gray/Brown	75/80	-6.00 to +5.00D	+0.75 to +3.00D
1.50 NuPolar® Polarized	Gray/Brown	70/75	-6.00 to +5.00D	+0.75 to +3.00D
1.59 Polycarbonate		72/77	-10.00 to +6.00D	+0.75 to +3.50D
1.59 Poly Transitions®	Gray/Brown	72/77	-10.00 to +6.00D	+0.75 to +3.50D
1.59 Poly NuPolar® Polarized	Gray/Brown	72/77	-10.00 to +6.00D	+0.75 to +3.50D
1.60 High Index		75/80	-10.00 to +6.00D	+0.75 to +3.50D
1.67 High Index		70/75	-10.00 to +6.00D	+0.75 to +3.00D
1.67 Transitions®	Gray/Brown	70/75	-10.00 to +6.00D	+0.75 to +3.00D
1.74 Super High Index		70/75	-20.00 to +16.00D	+0.75 to +3.50D

* Cylinder powers out to -4.00 D on all materials except 1.74 cylinder to -6.00 D.
Prescribed prism up to 3.00 △ D per lens.
** Please confirm diameter availability for minus power greater than -5.00 D with your lab

Zeiss Individual SV Availability

Material	Color	Diameter**	Rx Range*
1.50 Hard Resin		75/80	-6.00 to +6.00D
1.50 Transitions®	Gray/Brown	75/80	-6.00 to +6.00D
1.50 NuPolar® Polarized	Gray/Brown	70/75	-6.00 to +6.00D
1.59 Polycarbonate		72/77	-10.00 to +8.00D
1.59 Polycarbonate Transitions®	Gray/Brown	72/77	-10.00 to +8.00D
1.59 Polycarbonate NuPolar® Polarized	Gray/Brown	72/77	-10.00 to +8.00D
1.60 High Index		75/80	-10.00 to +8.00D
1.67 High Index		70/75	-12.00 to +8.00D
1.67 Transitions®	Gray/Brown	70/75	-12.00 to +8.00D
1.74 Super High Index		70/75	-20.00 to + 16.00 D

Accessories

Item	Part Number
Panto and Vertex Tool	000.0139.15450
Zeiss Individual Fitting & Dispensing Guide - PAL & SV	000.0139.16030
Zeiss Individual PAL Verification Mask	000.0139.14710
Zeiss Individual SV Verification Mask	000.0139.15620
i.Terminal™ Reference Guide	000.0139.15180

Material Codes

50 = Hard Resin clear, Transitions®, and Polarized
59 = Polycarbonate clear, Transitions®, and Polarized
60 = 1.60 High Index
67 = 1.67 High Index and Transitions®
74 = 1.74 Super High Index

Zeiss Individual PAL Wrap and Zeiss Individual SV Wrap

Material	Diameter**	Rx Range*	Add Power (Progressive only)
1.50 Hard Resin	75/85	-4.00 to +4.00 D	1.00 to 2.50 D
1.50 Transitions® Gray, Brown	75/85	-4.00 to +4.00 D	1.00 to 2.50 D
1.50 NuPolar® Polarized Gray, Brown	70/80	-4.00 to +4.00 D	1.00 to 2.50 D
1.59 Polycarbonate	72/82	-4.00 to +4.00 D	1.00 to 2.50 D
1.59 Transitions® Gray, Brown	72/82	-4.00 to +4.00 D	1.00 to 2.50 D
1.59 NuPolar® Polarized Gray, Brown	72/82	-4.00 to +4.00 D	1.00 to 2.50 D

*Cylinder powers out to -4.00 D
**Prescribed prism up to 3.00 △ D per eye or 6.00 △ D in a pair of spectacles
[1]NOTE: Maximum combined power (Sphere + cyl) is -4.00 D