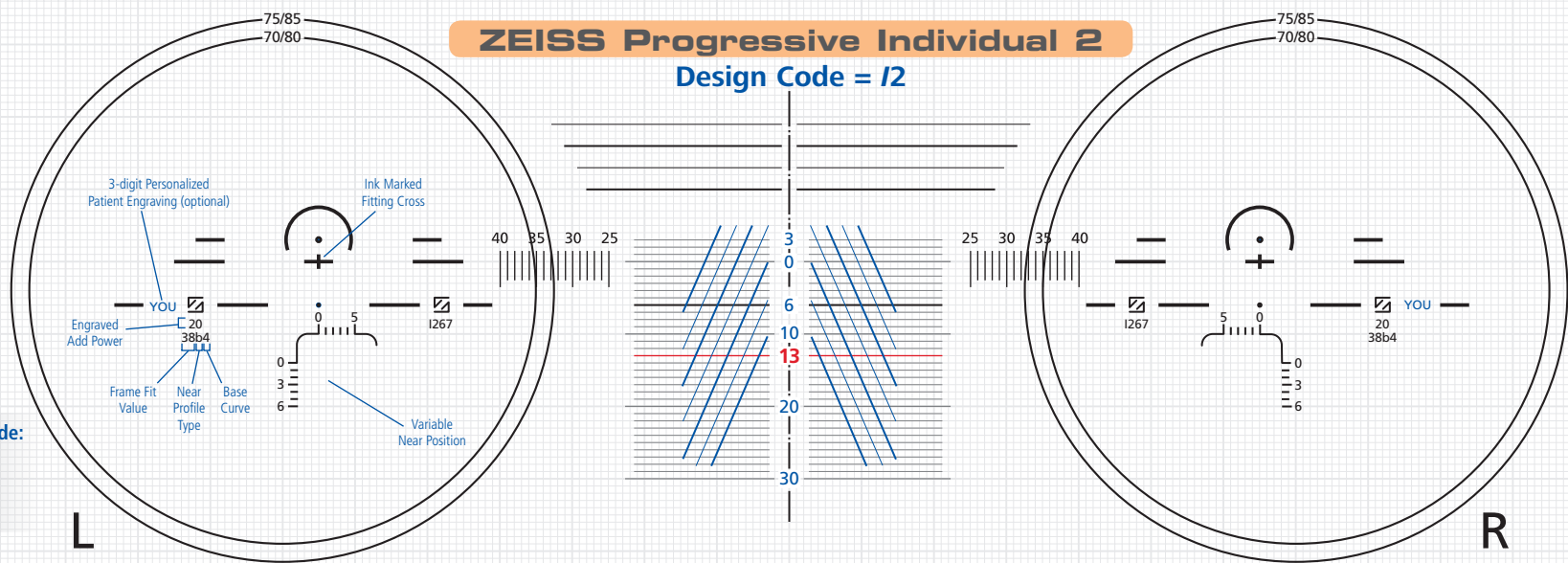


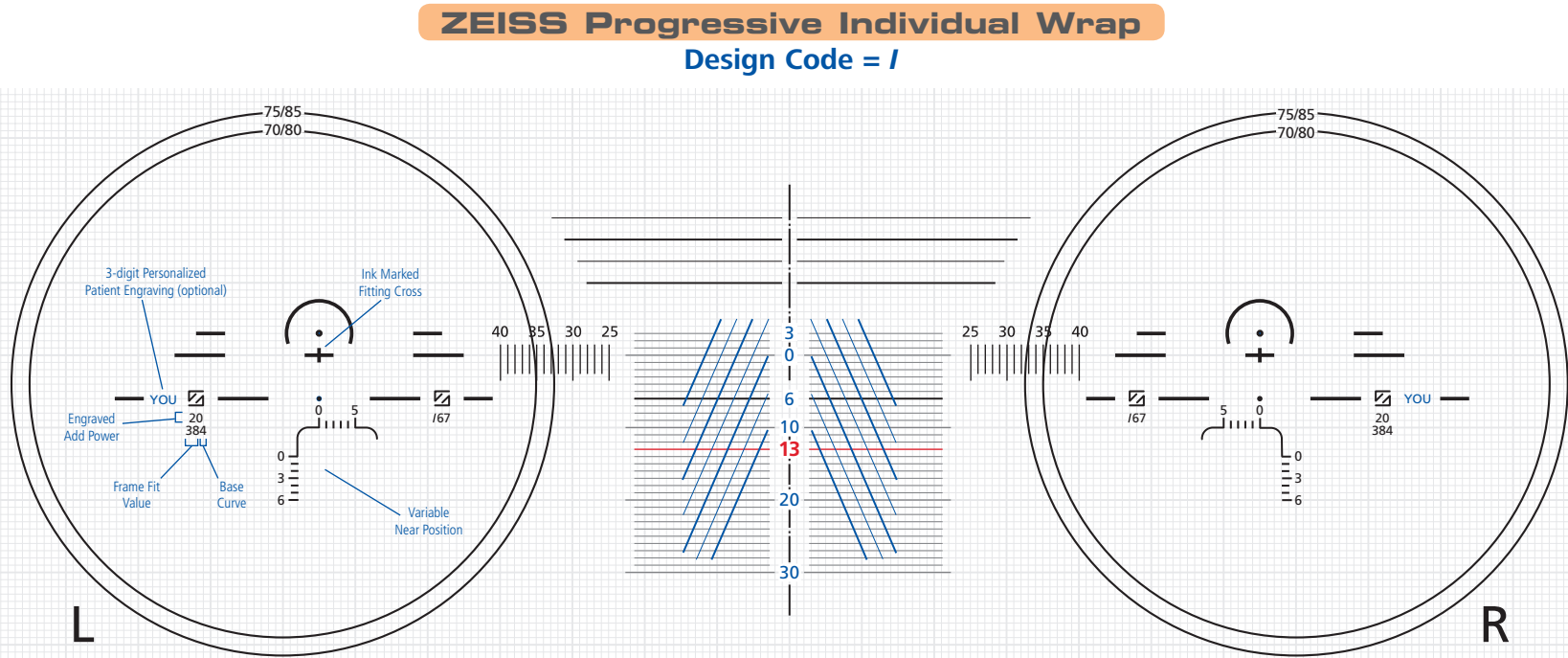
ZEISS Progressive Individual® 2 Lenses

Engraving & Cut-Out Charts



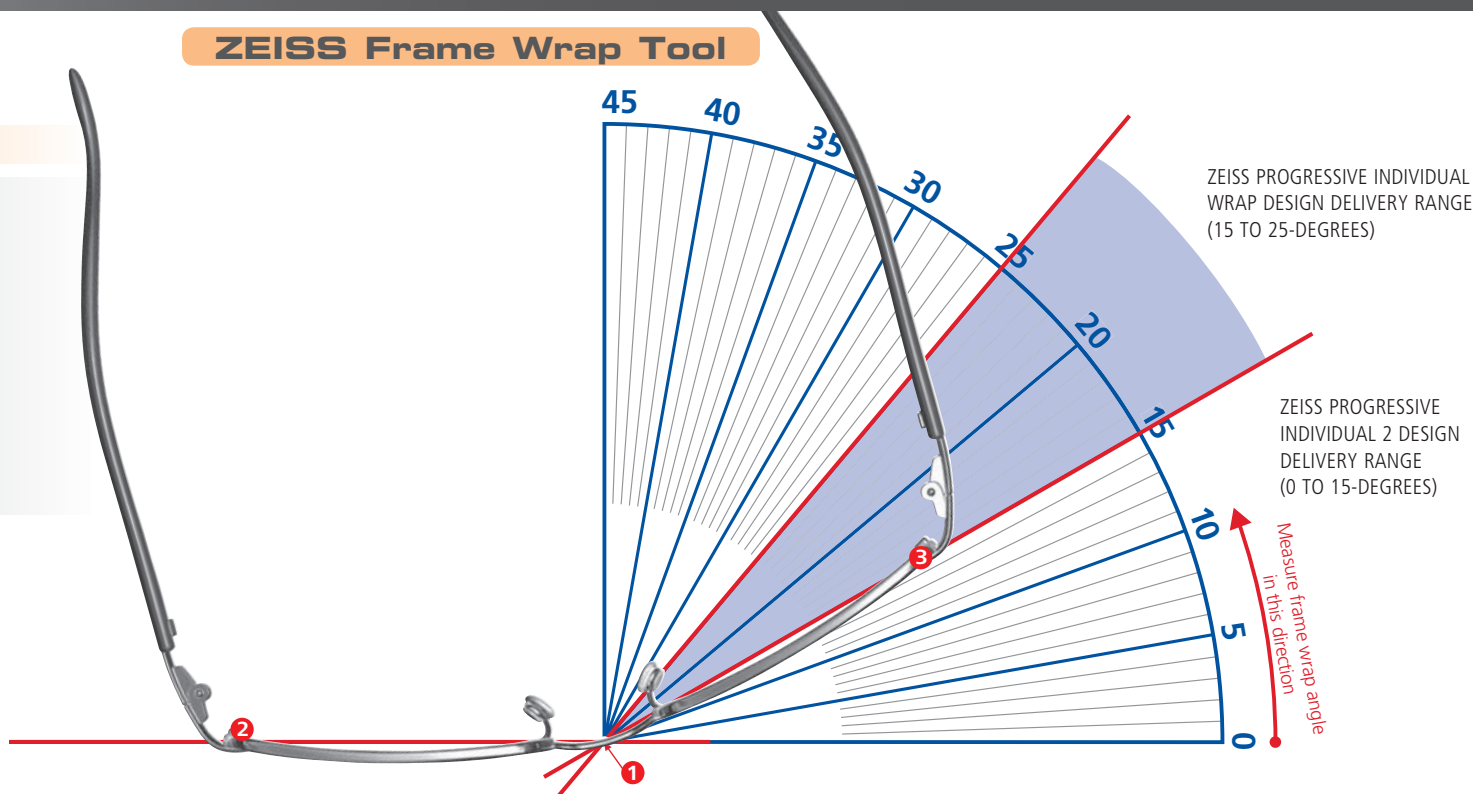
Near Profile Type Code:

- Individual 2 = b
- Individual 2I = i
- Individual 2N = n



Measuring Frame Wrap

- Pre-adjust the frame for best patient fit.
1. Place the frame top down with the bridge at the center point **1**.
 2. Position the left temporal groove of the frame on the horizon line as shown at point **2**.
 3. Measure the frame wrap angle from the base of the tool to the right temporal groove of the frame as shown at point **3**.

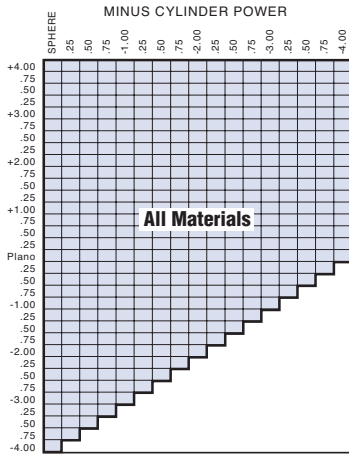


ZEISS Progressive Individual Wrap

Material	Color	Diam**	Rx Range*	Add Power
1.5 Hard Resin	Clear	75/85	-4.00 to +4.00D	1.00 to 2.50D
1.5 PhotoFusion®	Gray & Brown	75/85	-4.00 to +4.00D	1.00 to 2.50D
1.5 Transitions®	Gray & Brown	75/85	-4.00 to +4.00D	1.00 to 2.50D
1.5 Polarized	Gray & Brown	70/80	-4.00 to +4.00D	1.00 to 2.50D
1.53 Trivex® and NXT®	Clear, tints and photo	72/82	-4.00 to +4.00D	1.00 to 2.50D
1.53 Trivex Transitions	Gray	72/82	-4.00 to +4.00D	1.00 to 2.50D
1.53 Trivex Polarized & Photo Polarized	Gray & Brown	72/82	-4.00 to +4.00D	1.00 to 2.50D
1.59 Polycarbonate	Clear	72/82	-4.00 to +4.00D	1.00 to 2.50D
1.59 PhotoFusion	Gray & Brown	72/82	-4.00 to +4.00D	1.00 to 2.50D
1.59 Transitions	Gray, Brown & XTRActive™	72/82	-4.00 to +4.00D	1.00 to 2.50D
1.59 Polarized	Gray & Brown	72/82	-4.00 to +4.00D	1.00 to 2.50D

*Cylinder powers out to -4.00D. Maximum combined power (Sphere + Cyl) is -4.00D
**Prescribed prism up to 3.00 ΔD per eye or 6.00 ΔD in a pair of spectacles

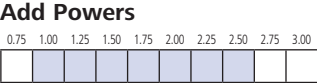
Wrap Lens Rx Range Availability



ZEISS Progressive Individual Wrap is designed for high base curve sport and fashion wrap frames.

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 for all ZEISS Progressive Individual Wrap orders.

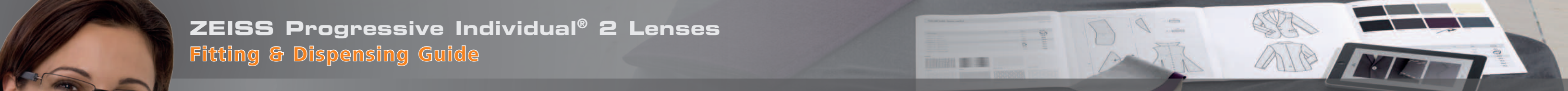


ZEISS Progressive Individual 2.

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

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ZEISS Progressive Individual® 2 Lenses

Fitting & Dispensing Guide

“ZEISS Progressive Individual 2 is the most advanced personalized progressive available, allowing you to create a one-of-a-kind lens for every one-of-a-kind patient.

Fitting and dispensing the lens is easy, and we’ve provided some tips to get you started.”

Fitting Instructions

1 FRAME SELECTION TIPS

- For best vision and appearance, encourage the patient to choose a frame in which their eyes are well centered and with a “B” dimension of 21mm or larger.
- Nose pads are preferred to allow fine-tuning of the adjustment.
- Frames should be lightweight to reduce slipping.

2 PRE-ADJUST FRAME

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

- 7° to 12° pantoscopic angle is usual.
- Proper face form wrap.
- Assure frame fits comfortably close to the patient’s eyes without touching their skin or eyelashes.
- Sport wrap frames up to 25 degrees may be used.

3 MARK PUPIL CENTER AND DETERMINE FITTING HEIGHT

- The variable corridor design is determined according to the frame size and fit, therefore, patient fitting height must be specified on all orders (including uncuts).
- With the patient looking straight ahead into the distance, dot each lens at the center of the pupil.
- Measure each monocular fitting height from the fitting cross to the lowest point of the inside rim of the frame, directly below the dot.
- ZEISS Progressive Individual 2 is suitable for fitting heights 13mm to 35mm.

4 MEASURE MONOCULAR PUPILLARY DISTANCE

- Measure monocular distance PDs using a digital pupillometer or a PD ruler.

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, check with your lab, as lenses may not cut out.

Personalizing the Lens for Position of Wear

ZEISS Progressive Individual 2 allows you to personalize the lens based on position-of-wear. If you are unable to provide patient specific information, default measurements will be automatically incorporated in the design.

The default measurements are based on population averages of almost 1 million prescriptions, and will deliver a reliable, high quality ZEISS experience.

1 FRAME WRAP ANGLE

- Use the Frame Wrap Tool located on the other side of this guide.
- Measure the frame wrap angle from the base of the tool to the right lens angle.
- ZEISS Progressive Individual 2 is suitable for frame wrap up to 15° (default value of 5° used if no measurement is provided).
- ZEISS Progressive Individual Wrap design should be selected for frame wraps up to 25° (average value of 15° used if no measurement is provided).

2 PANTOSCOPIC TILT

- With a pre-adjusted frame and the patient standing in profile looking straight ahead, use the ZEISS Panto and Vertex Tool (part #000-0139-15450) to measure the pantoscopic tilt of the frame on their face.
- ZEISS Progressive Individual 2 is suitable for pantoscopic tilt up to 30°.
- If no pantoscopic tilt is specified in the lens order an average value of 9° will be used.

3 BACK VERTEX DISTANCE

- With the patient standing in profile, place the ruler edge of the ZEISS Panto and Vertex Tool along the frame temple with the zero ‘0’ at the lens plane to measure the back vertex distance.
- Measure the distance in millimeters from the back of the lens to the front of the eye.
- ZEISS Progressive Individual 2 is suitable for vertex distances of up to 20mm.
- If no vertex measurement is specified when ordering, then an average value of 12.5mm will be used.

4 VISUAL PROFILE – ZEISS PROGRESSIVE INDIVIDUAL 2


- ZEISS Progressive Individual 2 gives you the flexibility to tailor the lens to suit the particular visual demands of each wearer
- Determine which visual profile will suit your patient best and order the lens style from your lab:
 - Individual 2 = Balanced viewing zones
 - Individual 2N = Larger near and reading zones
 - Individual 2I = Larger intermediate and dynamic areas

Power Verification

These 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.

- Use the special ZEISS Progressive Individual 2 compensated Rx verification form that ships with your Rx lens order to verify the compensated Rx.
- Check compensated distance power through the center of the distance checking circle, 3mm above the fitting cross.
- Check for prism imbalance at the prism reference point, located 6mm below the fitting cross.
- Check the 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 2.50D).
- The near measurement location is variable because the ZEISS Progressive Individual 2 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 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, 34mm apart or 17mm to either side of the prism reference point. Note the prism reference point is 6mm below the fitting cross. 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.
- Proper side-to-side head movement for peripheral viewing.

4 PROVIDE CERTIFICATE OF AUTHENTICITY/WEARERS KIT

- Deliver the ZEISS Individual Wearers Kit and Certificate of Authenticity with premium cleaning cloth. (part# 740.000.00048)
- Demonstrate the location of their personalized patient engraving (adjacent the temporal logo).

ZEISS Progressive Individual 2 Availability

Material	Color	Diam**	Rx Range	Cyl	Add Power
1.5 Hard Resin	Clear	75/85	-7.00 to +5.00	to -4.00	0.75 to 3.50
1.5 PhotoFusion®	Gray & Brown	75/85	-7.00 to +5.00	to -4.00	0.75 to 3.50
1.5 Transitions®	Gray, Brown & Vantage™	75/85	-7.00 to +5.00	to -4.00	0.75 to 3.50
1.5 Polarized	Gray & Brown	70/80	-6.00 to +5.00	to -4.00	0.75 to 3.50
1.53 Trivex®	Clear, NXT sun tints, mirrors	72/82	-7.00 to +5.00	to -4.00	0.75 to 3.50
1.53 Trivex Transitions	Gray	72/82	-7.00 to +5.00	to -4.00	0.75 to 3.50
1.53 NXT® Polarized	Gray & Brown	72/82	-5.00 to +5.00	to -4.00	0.75 to 3.50
1.53 NXT Photochromic	NXT sun colors	72/82	-7.00 to +5.00	to -4.00	0.75 to 3.50
1.53 NXT Photo Polarized	Gray & Brown	72/82	-5.00 to +5.00	to -4.00	0.75 to 3.50
1.59 Polycarbonate	Clear	72/82	-10.00 to +6.00	to -4.00	0.75 to 3.50
1.59 PhotoFusion	Gray & Brown	72/82	-10.00 to +6.00	to -4.00	0.75 to 3.50
1.59 Transitions	Gray, Brown, XTRActive™ & Vantage*	72/82	-10.00 to +6.00	to -4.00	0.75 to 3.50
1.59 Polarized	Gray & Brown	72/82	-10.00 to +6.00	to -4.00	0.75 to 3.50
1.60 High Index	Clear	75/85	-10.00 to +6.00	to -6.00	0.75 to 4.00
1.60 PhotoFusion***	Gray & Brown	75/85	-10.00 to +6.00	to -6.00	0.75 to 4.00
1.60 Transitions***	Gray & Brown	75/85	-10.00 to +6.00	to -4.00	0.75 to 4.00
1.67 High Index	Clear	70/80	-12.00 to +8.00	to -6.00	0.75 to 3.50
1.67 PhotoFusion	Gray & Brown	70/80	-12.00 to +8.00	to -6.00	0.75 to 3.50
1.67 Transitions	Gray, Brown, XTRActive & Vantage*	70/80	-12.00 to +8.00	to -4.00	0.75 to 3.50
1.74 High Index	Clear	Varies	-20.00 to +16.00	to -6.00	0.75 to 3.50

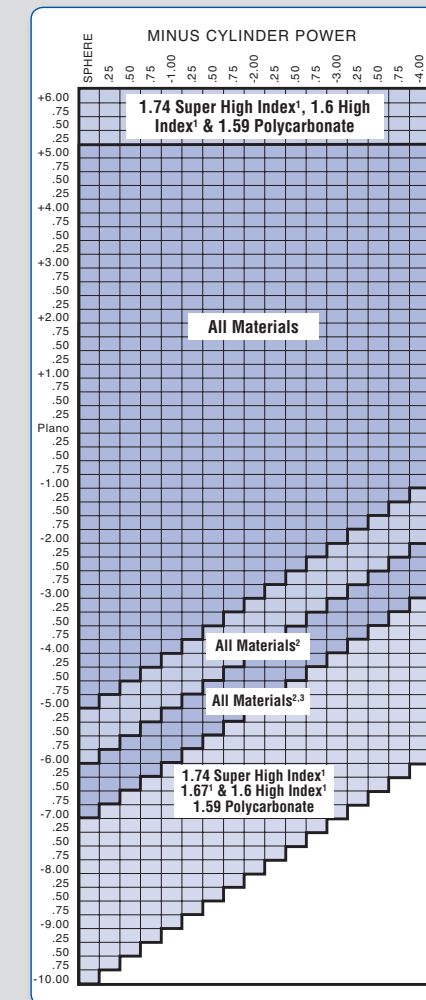
**Please confirm diameter availability for Rx’s over +4.00D / -5.00D with your lab

*Transitions Vantage lenses available Summer 2012

***1.60 PhotoFusion and Transitions available in Canada only

Rx Range Availability

ZEISS Progressive Individual® 2



The 1.74 Super High Index Rx range availability is -20.00 to +16.00D, cylinder to -6.00D. Diameters vary. Please consult the ZEISS Customized 1.74 brochure part #0000139.16770 for full details.

¹ Cyl available to -6.00 in 1.60, 1.67 and 1.74 materials

² 1.53 Trivex Polarized Not Available

³ 1.50 Polarized Not Available

Accessories

Item	Part Number
Panto and Vertex Tool	0000139.15450
ZEISS Progressive Individual 2 Verification Mask	0000139.14710
Manual Tool Instruction Guide	0000139.16090
Individual Lenses Wearers Kit	740.000.00048

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

Material Codes

- 50 = Hard Resin clear, PhotoFusion, Transitions®, and Polarized
- 53 = Trivex, Transitions, Polarized and NXT Sun Optics
- 59 = Polycarbonate clear, PhotoFusion, Transitions, and Polarized
- 60 = 1.60 High Index, PhotoFusion and Transitions
- 67 = 1.67 High Index and Transitions
- 74 = 1.74 Super High Index