

Fitting Compact ULTRA™

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 21mm or larger. Nose pads are preferred to allow fine-tuning. Frames should be lightweight to reduce slipping.

2 Frame Adjustment: The frame must be adjusted correctly prior to taking any measurements. Ensure the following:

- 8° to 12° pantoscopic angle.
- Proper face form wrap.
- Close frame fit (i.e., short vertex distance), without touching skin or 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. **Recommended minimum fitting height is 13 mm.**

4 Pupillary Distance: Use a pupillometer to measure monocular distance PDs.

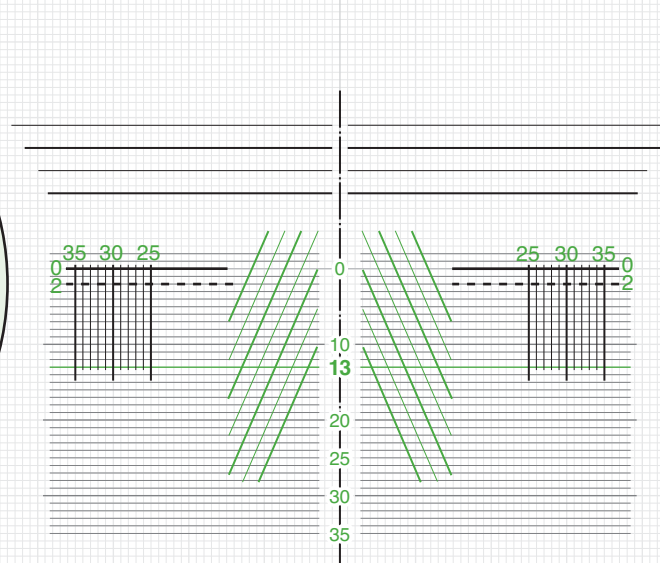
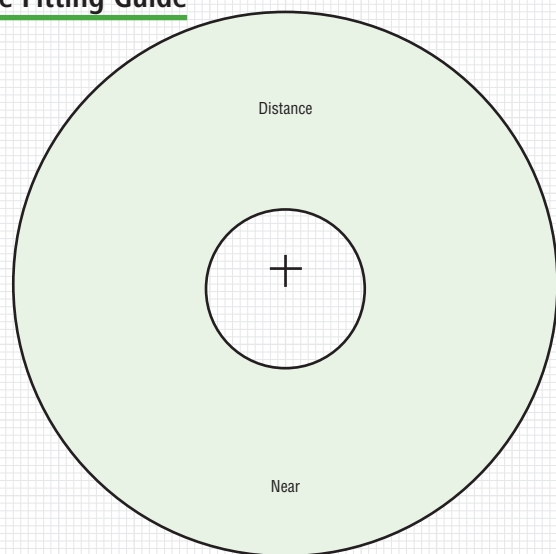
5 Frame Fitting Guide: Use Frame Guide to ensure lens fit. Place frame with pupil center dot over the fitting cross. Frame size is adequate if white circle fits inside frame.

6 Verify Cut Out: Place the right lens over the Lens Cut Out circle, 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.**

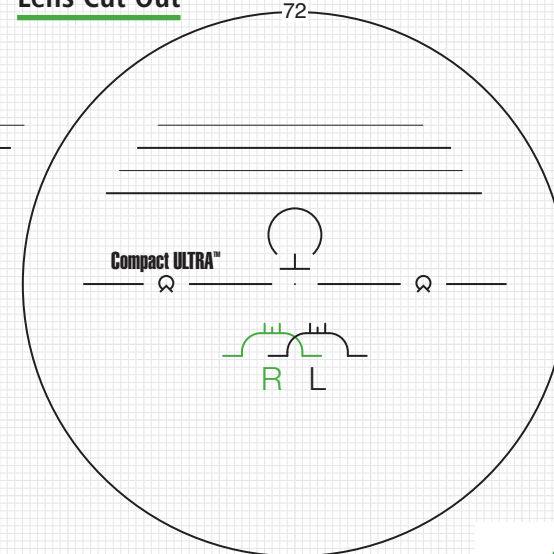
Helpful Hints for Fitting Progressives

- 1 The frame should have an adequate face form wrap to follow the contour of the face and allow for maximum peripheral vision.
- 2 Fit the frame as close to the eyes as possible without touching the lashes.
- 3 Pantoscopic angle should be at least 8° to 12° to give the patient a maximum reading area.
- 4 While fitting, the patient's back should be straight; his/her eyes should be on the same level as yours to reduce parallax errors.
- 5 The fitting cross should intersect the **center** of the pupil.

Frame Fitting Guide

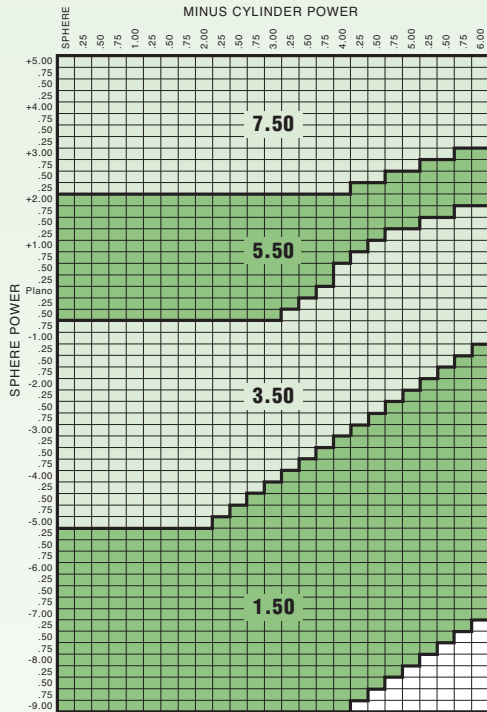


Lens Cut Out

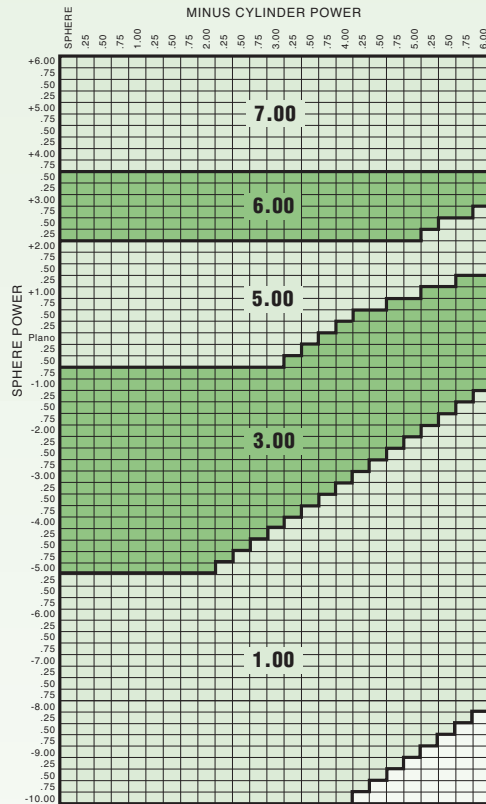


Base Curve Selection Chart

Hard Resin, Transitions® Gray,
Polycarbonate and Polycarbonate Transitions® V Gray



1.67 High Index
and 1.67 Transitions® V Gray

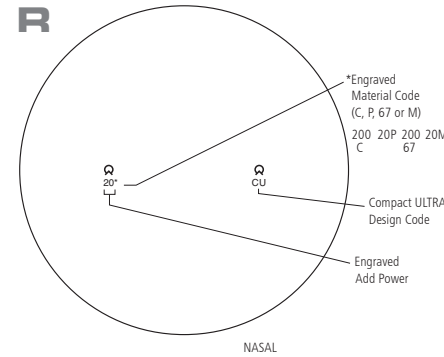


Materials, Diameters & Base Curves

Material	Diameter	Base Curves	Adds
Hard Resin, Coated & Uncoated	72 mm	1.50, 3.50, 5.50, 7.50	0.75 to 3.50
Transitions® Gray	72 mm	1.50, 3.50, 5.50, 7.50	0.75 to 3.50
Polycarbonate	72 mm	1.50, 3.50, 5.50, 7.50	1.00 to 3.00
Polycarbonate Transitions® V Gray	72 mm	1.50, 3.50, 5.50, 7.50	1.00 to 3.00
1.67 High Index	73 mm	1.00, 3.00, 5.00, 6.00, 7.00	0.75 to 3.50
1.67 High Index Transitions® V Gray	73 mm	1.00, 3.00, 5.00, 6.00, 7.00	0.75 to 3.50
Compact ULTRA HD 1.67 High Index (free-form)	73 mm	Rx Only: -12.00 to +8.00 D	0.75 to 3.50
Compact ULTRA HD 1.67 Transitions® V Gray* (free-form)	73 mm	Rx Only: -12.00 to +8.00 D	0.75 to 3.50

Lens Engravings

(As viewed from the front)

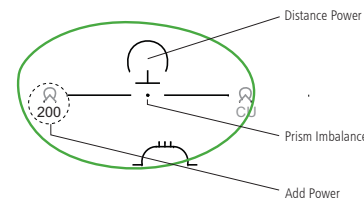


Material Code

- C = Hard Resin & Transitions®
- P = Polycarbonate & Transitions®
- 67 = 1.67 High Index & Transitions®
- M = HD 1.67 High Index & Transitions®

Power Verification

- 1 Check distance power through the center of the distance checking circle.
- 2 Check for prism imbalance at the prism reference point, located 2 mm below the fitting cross.
- 3 Check add power by verifying that the semi-visible add engraving under the temporal logo matches the first two digits of the prescribed add.



Questions?

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

To Locate the Lens Engravings

Use a good light source and dark background to locate the engravings. The engraved add power/material code is below the temporal logo.

The engravings are located on the lens surface, 34 mm apart or 17 mm to either side of the prism reference point (at the geometric center). Use a felt-tip pen to dot the center of the engraving.

Place the front surface of the lens over the centration chart, lining up the dots with the corresponding engraving. Draw in the remaining markings with a felt-tip pen. A reusable verification mask (part #000-0139-13030), available from Carl Zeiss Vision, can also be used.

Dispensing Compact ULTRA

- 1 **Verify Lenses:**
 - Completed lenses should have verification markings.
 - If there are no markings, see how to locate the lens engravings above.
 - The fitting cross should be at pupil center when eyeglasses are on wearer.
 - If necessary, use alcohol or other residue-free solvent to remove factory markings.
- 2 **Re-Check the Frame Adjustments:**
 - Pantoscopic angle.
 - Face form wrap.
 - Minimum 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.

