



Individually Designed for
Premium Performance

FITTING GUIDE

Single Vision &
Multifocal Extended Depth of Focus

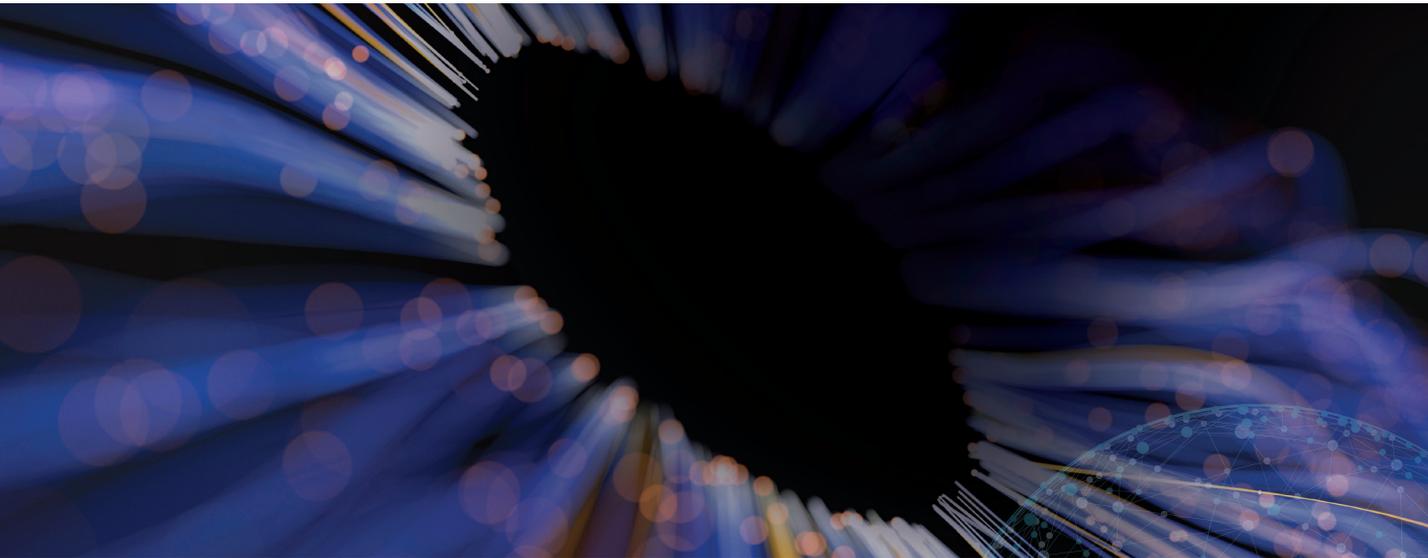


Table of Contents

| | |
|---|------|
| Fitting Guidelines for SynergEyes iD Hybrid Contact Lenses | 3 |
| SynergEyes iD Hybrid Design | 3 |
| Precision Linear Skirt, driven by HVID | 3 |
| Quick Reference Fitting Guide: A Quick Overview | 4-5 |
| Ordering Empirically | 4 |
| SynergEyes Algorithm | 4 |
| Parameters | 4 |
| Fit Optimization | 5 |
| Dispense Visit | 5 |
| Follow-Up Visit | 5 |
| Detailed Fitting Guide | 6-11 |
| Ordering Instructions | 6 |
| Dispensing Visit | 7-8 |
| Assess Vision | 7 |
| Assess Fit | 7 |
| Dispense Tips | 8 |
| Follow-Up Visit | 8-9 |
| Lens Optimization: Vision | 10 |
| Lens Optimization: Fit | 11 |



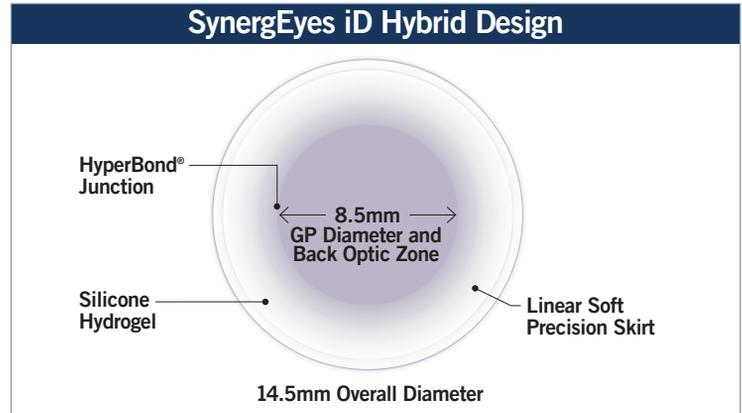
Fitting Guidelines for SynergEyes iD Hybrid Contact Lenses

Single Vision and Multifocal Extended Depth of Focus

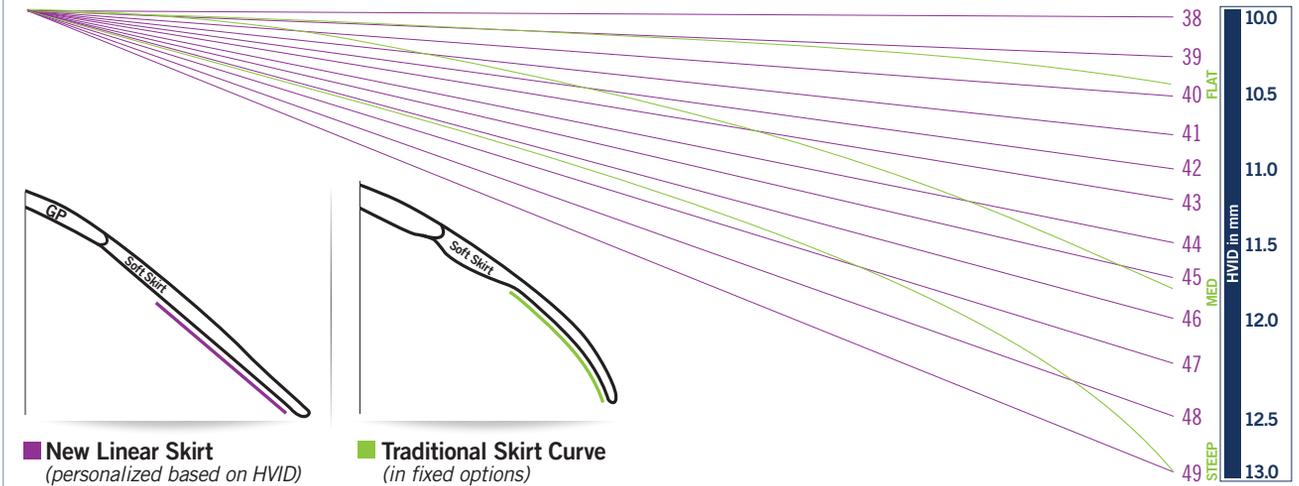
SynergEyes iD Hybrid Contact Lenses are individually designed for premium performance and personalized to an individual patient's specific ocular measurements. The lens design is driven by keratometric readings and corneal diameter in order to optimize lens performance and first lens dispense success. This empirical design can lead to office efficiency and patient satisfaction.

The crisp optics that gas permeable lenses are known for as well as a clinically-proven Extended Depth of Focus (EDOF) optic design from the Brien Holden Vision Institute, contribute to clear, stable vision.

One of the design enhancements of the SynergEyes iD lens is a new precision skirt which has a linear shape (rather than curved) that mimics the scleral anatomy. The skirt has a "range of values" typically between 38-49. A "higher" number will fit tighter than a "lower" number which will fit looser.



Precision Linear Skirt, driven by HVID



SynergEyes iD linear skirts are personalized to a patient's unique anatomy based on HVID. There is no need to choose between fixed skirt options.

Quick Reference Fitting Guide

Order Empirically

The initial lens is designed empirically. The prescriber simply provides the following: **Keratometric readings, HVID, and up-to-date manifest refraction with add power if needed.** *The more accurate the measurements, the more precisely the personalized lens can be designed with the SynergEyes fitting algorithm.* This method eliminates the need to purchase or maintain trial lens sets while providing accuracy for a lens that can be dispensed at the following visit.

Just provide these three measurements and we'll take care of the rest.

Ks

Keratometry Readings

from keratometer,
topographer, autorefractor
or aberrometer

HVID

HVID measured to 0.1mm

from autorefractor, 10x magnifier,
slit lamp reticle, aberrometer,
topographer or ruler

Rx

Manifest Refraction and Add*

| Spectacle Add | MF Add Profile |
|-----------------|----------------|
| +1.25 or below | Low |
| +1.50 to +2.00 | Medium |
| +2.25 and above | High |

*If needed.

SynergEyes Algorithm

| Base Curve (BC) | Skirt | Power |
|---|----------------------------------|---|
| K readings determine BC using mid K concept, not to exceed 1.0D steeper than flat K | HVID determines skirt step value | The power of the lens is determined from the vertex corrected spherical portion of the manifest refraction and compensated for the tear layer utilizing SAM/FAP rule. |

Other Information

Lens Measurements: Fixed overall lens diameter of 14.5mm. GP center and Back Optic Zone (BOZ): 8.5mm.

Available Parameters

| Base Curve (BC) | Skirt | Power | |
|--|--|---------------------------------|---------------------------------|
| | | Single Vision | Multifocal |
| 7.10mm to 8.30mm in increments of 0.01mm | 38 to 49 in increments of 1 step to accommodate HVID range of 10.0 to 13.0mm. HVID outside the measurements will default to 10.0 or 13.0mm. | +10.00 to -15.00D | +5.50 to -10.00D |
| | | +8.00 to -8.00D in 0.25D steps | +5.50 to -8.00D in 0.25D steps |
| | | +8.50 to +10.00D in 0.50D steps | -8.50 to -10.00D in 0.50D steps |
| | | -8.50 to -15.00D in 0.50D steps | Add Power: Low, Medium, High |

Additional Options

- Tangible Hydra-PEG coating available on request.*
- If your patient requires a thicker GP lens to reduce flexure and mask higher amounts of corneal cylinder, they would benefit from the Enhanced Profile Design. Enhanced Profile is automatically added to orders with 2.50D or more of corneal cylinder, and may be requested for less amounts of corneal cylinder.

*Available in US and Canada only.

Fit Optimization

Dispense Visit:

Allow 10-15 minutes settling time before evaluating fit and vision. Refrain from making changes to lens power and fit at dispense visit.

| Base Curve (BC) | Skirt | Power |
|---|---|---|
| <p>Observe lens centration. Slight decentration is acceptable and not necessarily indicative of a poor fit.</p> <p>If extreme decentration is observed, confirm Ks and, if needed, reorder with 0.50D steeper base curve.</p> <p>Remember to adjust the power if the base curve is changed.</p> | <p>Observe lens movement. Note: initial excessive movement, with or without skirt fluting, should subside within 10-15 minutes settling time.</p> <p>If skirt continues to show excessive movement, fluting, discomfort or decentration after settling, add 2 steps to skirt (i.e. if 42 change to 44)</p> <p>Note and document minimal skirt movement or scleral compression. Consider skirt modification if the condition persists and is problematic at follow-up.</p> | <p>Check binocular distance visual acuity. Dispense lenses if vision is acceptable for normal everyday activities including driving.</p> <p>With MF EDOF, check near vision using real-life objects (cell phone). As long as distance vision is acceptable, dispense lenses and reserve over-refracting/ power changes for follow-up visit.</p> <p>If vision is unacceptable, check for residual astigmatism. If residual is from flexure, order Enhanced Profile lens. The lens does not correct for lenticular astigmatism.</p> |

Follow-Up Visit

Best performed after several hours of wear.

| Base Curve (BC) | Skirt | Power |
|---|--|--|
| <p>Perform slit lamp evaluation after lens removal, and check for staining with NaFl.</p> <p>If central staining, steepen BC 0.25D to 0.50D</p> <p>If staining near junction, flatten BC 0.25D to 0.50D</p> | <p>Double check HVID.</p> <p>For mild findings, skirt can be adjusted in 1 step increments. For example, if good slit lamp but foreign body sensation, skirt may need to be steepened by 1 step. If good comfort, but challenged with removal, skirt may be flattened by 1 step.</p> <p>If excessive movement persists, increase skirt by 2 steps. (i.e. if 42 change to 44)</p> <p>If lack of movement results in poor late-day comfort, scleral impingement or compression, conjunctival drag, or difficulty removing, subtract 2 skirt steps. (i.e. if 42 change to 40)</p> | <p>Single Vision: If lens is reasonably centered, shows perceptible movement and no staining, re-order with adjusted lens power from over-refraction. If unable to improve vision, check for residual astigmatism.</p> <p>Multifocal Vision: Adjust like other multifocal designs (increase add or push plus).</p> |

This is a daily wear lens with a recommended replacement schedule of 6 months. An annual supply includes 2 lenses per eye. Once the final lens design and prescription is achieved, notify SynergEyes to send a second pair of sealed lenses to complete the annual supply. SynergEyes will automatically send the second lens at 120 days based on last ordered lens unless notified otherwise.

Detailed Fitting Guide

Ordering Instructions

To Empirically Order an Individually Designed Lens gather and record the following measurements:

- Keratometry readings in diopters
- HVID measurements to the 0.1mm
- Manifest refraction (preferably performed without GP/hybrid lens wear on day of visit)
- Add power requirement if applicable (for multifocal lenses)
- Indicate if Tangible Hydra-PEG or Enhanced Profile (EP) coating is desired. If your patient requires a thicker GP lens to reduce flexure and mask higher amounts of corneal cylinder, they would benefit from our Enhanced Profile design. Enhanced Profile is automatically added to orders with 2.5D or more of corneal cylinder and may be requested for less amounts of corneal cylinder.

Submit order to SynergEyes in one of the following ways:

Visit RxConnect.SynergEyes.com to place and track your orders.

Or:

Email: orders@synergeyes.com

Phone: 877.733.2012 option 1

Fax: 877.329.2012

SynergEyes.com/Professional

Refer patient to the SynergEyes iD Application and Removal Resource page for review prior to dispense visit:
info.synergeyes.com/iD-application-and-removal-resources

Dispensing Visit

At dispense, an ideal lens provides good vision and comfort, is reasonably centered and shows perceptible movement upon blink.

Refrain from making changes to lens power and fit at dispense.

Insert lenses, allowing time to settle and the patient to adapt (10-15 minutes).

ASSESS VISION:

1. Check binocular distance visual acuity. Dispense lenses if vision is acceptable for everyday normal activities and driving. Reserve power changes for follow-up visit.
2. Assess near vision and remind patient that MF EDOF design may take some adaptation. Reserve power changes for follow-up visit.
3. If vision is not tolerable and lenses need to be re-ordered rather than dispensed, please see notes on Lens Optimization on page 10.

ASSESS FIT:

1. Check lens centration and movement under the slit lamp.
2. Slight decentration is acceptable and not necessarily indicative of poor fit.
3. Assess the skirt edge by evaluating movement and the edge of the soft skirt.
 - In some cases, initial lens skirt fluting may be observed.
 - If the movement appears excessive or if the soft skirt is fluting, and the patient cannot tolerate the comfort, this represents a flat landing.
 - Re-order the lens and increase the skirt by 2 steps (i.e. if 42, change to 44)

Tip: Initially the skirt may appear to “flute” at the edges. This should subside in 10-15 minutes and become less apparent to the patient and upon slit lamp evaluation.

Detailed Fitting Guide

Dispensing Visit *(continued)*

DISPENSE TIPS:

If lens centration, movement, comfort, and vision are acceptable, the lenses may be dispensed and vision may be fine-tuned at the follow-up visit.

- As per other hybrid lenses, provide appropriate application/removal training with alternate techniques.
- Dispense with appropriate lens care solution system.
- If a novice wearer, consider increasing wearing time by 2 hours each day.
- Reassure the patient that it is normal to have adaptation symptoms and mild lens awareness for the first 3-5 days.
- For multifocal patients, instruct/remind them about neuroadaptation.
 - Reassure the patient that it is normal to have adaptation symptoms for the first 7-10 days.
 - Vision will improve day by day until the first checkup is performed.
 - Consider a temporary OTC reading over-correction if needed during adaption period.
- Schedule follow-up visit in 1-2 weeks.

Follow-Up Visit

Advise the patient to wear the lenses for several hours before arrival for the follow-up visit:

1. Review wearing times, lens handling, care and application/removal techniques.
2. Perform Slit Lamp evaluation for lens movement and centration.

Skirt: Minimal or trace movement with great comfort and good corneal health is acceptable.
No skirt changes recommended.

- If excessive and uncomfortable lens movement persists, adjust skirt by increasing skirt number by 2 steps. This change will also help center a lens.
- If lens skirt shows conjunctival impingement, compression or no movement, adjust skirt by decreasing skirt number by 2 steps.
- If patient is experiencing lasting lens awareness or foreign body sensation, a 1 step change could make a difference.
- If minimal or trace movement with good comfort, evaluate corneal health.

Follow-Up Visit *(continued)*

Base Curve: A decentered lens with good vision, comfort and corneal health is acceptable.
No base curve changes recommended.

If appropriate skirt fit has been confirmed and lens is decentered causing glare, halos, comfort issues and/or central staining, steepen base curve by 0.50D. Adjust power to incorporate any over-refraction and apply SAM-FAP rule to account for base curve change.

3. Check visual acuities (distance and near) with the lenses on eye.

Power: If patient has acceptable, functional vision, no power change recommended.

- If visual acuities are not to patient's satisfaction:
 - Perform monocular over-refraction for distance vision.
 - Utilizing above information, perform binocular over-refraction for near vision.
- See Lens Optimization on page 10 for further guidance

4. If the lens is reasonably centered, shows perceptible movement, and no corneal staining, re-order the lens with adjusted lens power from over-refraction if needed.
5. If unable to improve vision with spherical over-refraction, check for residual astigmatism. These lenses will not correct for lenticular or internal astigmatism.
6. If the over-refraction astigmatism is consistent with the corneal astigmatism in terms of axis, the lens may be flexing and the patient may require the thicker EP (Enhanced Profile) lens if not already wearing. Note that residual astigmatism will impact distance and near vision.
7. If lenses with new parameters are ordered, evaluate the fit and visual acuity each time.

Detailed Fitting Guide

Lens Optimization: Vision

1. Determine patient's dominant and non-dominant eye.
2. Determine patient's preference of better distance vision vs. near vision.
3. For near vision, use real life objects (i.e. cell phone, magazine, pill bottles) for testing.
4. To improve Distance Vision:
 - Perform over-refraction on each eye with loose lenses.
 - Determine the over-refraction that would give the patient satisfaction for distance vision.
 - Avoid over-minus for distance vision. Determine if the additional over-refracted power significantly impacts the near vision or not.
 - Push plus for distance vision. Determine if the additional over-refracted power significantly impacts the distance vision or not.
5. To improve Near Vision:
 - After best distance correction is determined, demonstrate power from over-refraction utilizing loose lenses or flippers to check for distance and near vision.
 - If best corrected distance vision results in poor near vision perform a binocular over-refraction at near utilizing flippers and loose lenses (remember to incorporate powers from distance over-refraction)
 - With a MF EDOF increase add power and maintain distance power.
 - When necessary to provide optimal vision, modified multifocal could be considered.

Tip: The majority of adaptation symptoms diminish over time.
Patient reassurance is always helpful when treating presbyopia.

Lens Optimization: Fit

Perform Slit Lamp evaluation of cornea after lens removal and evaluate for staining with NaFl:

1. Mild, trace punctate staining is acceptable and is likely due to dryness. Monitor.
2. NaFl may collect in area of junction and is normal. Overlying epithelial staining in this area is not acceptable and needs to have adjustment made: If epithelial breakdown is overlying the junction the lens is too tight and will need a base curve and skirt adjustment.
3. If there is central corneal staining, evaluate the base curve and consider re-ordering lens with 0.25D to 0.5D steeper base curve.
4. If there is peripheral corneal staining near the junction of the lens and minimal movement, consider re-ordering lens with 0.25D to 0.5D flatter base curve.

If patient reports vision problems post-removal of lenses:

1. Check length of time vision change persists. Topographical changes are common if measured immediately after lens removal but will normalize very soon.
2. Cross check for any corneal molding due to contact lens by comparing topography before contact lens wear and topography after contact lens wear.
3. Consider base curve change if vision does not normalize within a short time.

Empirical Ordering and Technical Support

To Place Orders

Visit RxConnect.SynergEyes.com
to place and track your orders.

Or:

Email: orders@synergeyes.com

Phone: 877.733.2012 option 1

Fax: 877.329.2012

SynergEyes.com/Professional

Customer Care

Phone: 877.733.2012 option 1

Email: customercare@synergeyes.com

Empirical Calculator

SynergEyesCalculator.com

Technical Consultation

Phone: 877.733.2012 option 2

Email: consultation@synergeyes.com

Outside US and Canada

Customer Service: +1 760.476.9410 option 1

Consultation: +1 760.476.9410 option 2

Email Orders: intorders@synergeyes.com

