The utilization of the BioColors™ Trial Fitting Set is required to determine the fit, power, and color match prior to placing an initial order for BioColors Contact Lenses. Please contact Customer Service at 1-866-300-6257 to inquire about our BioColors Fitting Set Programs.

**Diameter Selection**
- 14.3 diameter diagnostic lenses are in the fitting set.
- The standard Iris diameter is 12.25mm with a 5.0mm clear pupil.
- Available diameter range is 13.5mm to 22mm.
- The BioColors lenses are designed for average shaped corneas including children.
Base Curve Selection
Regardless of keratometry, the Initial base curve / diameter selection should be 8.6 14.5 unless fitting experience with a different base curve and diameter has been established.

Power Determination
• Use standard vertex adjustment to convert the spectacle Rx, or call consultation and let us design the lens for you. (i.e. -4.00 sphere = -3.75 net power, -1.00 -3.75 x 180 = -1.00 -3.50 x 180)
• Available parameters +/- 20.00, up-to 10.00 diopters of cylinder in 1 degree increments.

Toric Diagnostic Lens
Every BioColors™ fitting set comes with an Alden Double Slab Off trial in -3.00 sphere for toric diagnostic evaluation. If the Double Slab off lens does not stabilize appropriately, prism ballasted lens designs are available.

Adjustments
When evaluating the fit of the lens, please provide our consultants with the following data:
• Fit/movement (base curve evaluation)
• Lens overlap (diameter evaluation)
• Orientation, if toric.
• Over-refraction
Prosthetic Lens Underprint Selection
Most prosthetic contact lens fits require an underprint to either hide scarring (such as a white cornea) or to block light as in the case of a damaged iris. The standard size of the diagnostic lens is a 12.25 iris diameter with a 5.0 clear pupil.

The final lens color will be the result of an iris pattern layered on top or “Piggy Backing” the underprint. In order to accurately evaluate the color “combination” of the iris pattern and the underprint, it is required to use a BioColors fitting set.

Initial “Piggy Backing” should be done on an Orion “Color Diagnostic Tool” available from Orion Vision. If you do not have a “Color Diagnostic Tool,” the back of a white contact lens case may be used to layer underprints and iris colors prior to insertion into the eye for a preliminary “hand held” color evaluation. Once the best color combination is made the lenses can be placed on the eye if desired.

If an occluder is required for light sensitivity this must be noted at the time of ordering. The underprints in the BioColors fitting set are for color selection purposes and do not provide sufficient light blocking for total occlusion. Total occlusion must be specified during ordering. Occluded lenses can have both clear open pupils or closed black pupils. It is very important to communicate the objective when making a light blocking occluded lens.

If addressing an opaque or white cornea, select underprint “U1” first in that it is most commonly used; even on light colored eves. “U4” is the second most common.
Iris Color Selection

Iris color selection is the same for prosthetic or custom cosmetic colors. Just as with an underprint, iris colors can be layered to create custom colors and designs. The standard “V” Series Fitting set is best suited for prosthetics and light colored eyes. The “X” series is needed for fitting darker eye colors with cosmetic colors. The “X” Series will change a Brown eye to Blue, Green or any color in the “X” Series fitting set.

Iris colors may be “Piggy Backed” on an Orion “Color Diagnostic Tool” for virtually unlimited color combinations including Starburst patterns and Limbal Rings. NOTE that special effects can be created with custom color layering. Example: a Starburst pattern layered under an iris pattern will result in a very subtle Starburst. A Limbal Ring placed under an iris pattern will result in a subtle Limbal Ring.

*Example:* A *Caribbean Blue* layered or “Piggy Backed” on top of a *Baby Blue* will appear different than a *Baby Blue* on top of a *Caribbean Blue*. This phenomenon is true of all color combinations. The potential color combinations are incredible with color layering.

Cosmetic Color Selection (Not Prosthetic)

Cosmetic color fits are usually performed on the eye. However, The Orion Color Diagnostic Tool can also be used for cosmetic color selection. Before cosmetic colors can be placed on the color diagnostic tool, an underprint must be placed on the tool that most accurately matches the patients natural eye color. This must be done because the white background on the tool does not provide a good simulation of the cosmetic lens on the patient’s existing eye color.

The New “X” Series for Darker Colored eyes

New “X” Series lenses for Darker Colored eyes can be paired with an underprint or black pupil to offer a powerful prosthetic solution for patients.
Pupil Sizes

- Available Black Prosthetic pupils: 3.0, 3.5, 4.0, 4.5, 5.0, 6.0 and 6.3mm
- Available clear pupils: 2.8, 3.3, 4.2, 5.0, 5.5 & 6.0mm
- Prosthetic Pinhole Occluders are available with a 3.0, 4.0 and 5.0mm apertures
- A 5.0mm clear pupil is standard in the diagnostic fitting set

Consultation

- It is recommended that consultation be utilized when placing all new orders.
- Consultation may be reached at 1-866-300-6257
- Conditions such as aniridia and strabismus CAN be addressed with BioColors Lenses

Custom Iris Diameters

Custom Iris diameters are now available for micro-cornea and larger than standard irises. In addition to the standard 12.25mm iris, 10.50, 12.75 & 13.20mm are now available.

CB Lenses in Fitting Set

The lenses labeled CB1, CB2, CB3 & CB4 are not to be used for prosthetic lenses or combined with any other colors. They are stand alone colors.
Concierge Color Matching Service
Some practitioners wish to have the Consultation Team at Orion Vision perform color matching services using photos or a sample lens. This service is available for an additional fee.

Photos for Color Matching
• Holding up a white piece of paper next to the eye(s) for photographs provides a better image for color matching.
• Photos of the fitting set lenses on the eye taken next to the eye being replicated may be submitted to consultation to fine tune color combination.
• Clear photos taken in ambient light both up close and at 2 feet provide the best detail. Photos may be taken with a digital camera or smart phone. Please do not use any filters or special features when taking photos.

*Photos may be sent to customdesign@orionvision.net*

<table>
<thead>
<tr>
<th>Available Parameters</th>
<th>Lens Care</th>
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<tbody>
<tr>
<td><strong>Materials:</strong></td>
<td>It is recommended that BioColors Contact Lenses are cleaned regularly with “LensFresh” daily cleaner provided by Orion Vision. It has been determined that BioTrue is the best solution for BioColors contact lenses in terms of maintaining good surface wetting characteristics. Hydrogen peroxide systems may also be used by those needing a more aggressive cleaning regimen. In either case, the alcohol based “LensFresh” is a valuable tool to maintain good lens performance.</td>
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<tr>
<td>Polymacon 38% and Methafilcon 55%</td>
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<td><strong>Sphere Power:</strong></td>
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<tr>
<td>+/- 20.00 diopters</td>
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<td><strong>Cylinder Power:</strong></td>
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<td>up to 10.00 diopters</td>
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<tr>
<td><strong>Diameters:</strong></td>
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<tr>
<td>13.5mm to 22.0mm</td>
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Placing an Order

- Prosthetic and Custom Color Order forms are available on our website at www.orionvisiongroup.com
- Orders may be placed through customer service or consultation.
- Please provide account number, patient’s full name, base curve, power, diameter, color, clear or occluded pupil, pupil aperture, underprint color, and iris patterns.

Also Available

- Freshlook Color discontinued products D3 Opaque products
- Discontinued Cooper Vision prosthetic lenses
- Acuvue 2 Colours discontinued products.
- We can custom match any discontinued color contact lenses