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CUSTOM CONTACT LENS
SPECIALISTS

ReadRite Bifocal

Fitting Guide

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The ReadRite Bifocal is a prism-ballasted, segmented bifocal contact lens design. It provides excellent distance and near optics and can be manufactured in a wide variety of lens materials. This design is best used for mature presbyopes. Previous rigid lens wearing experience is an advantage for the patient. The basic design criteria are as follows:

CORNEAL CYLINDER	SUGGESTED FIT
0.0 to 0.75 diopters	.25 flatter than 'K'
0.87 to 2.00 diopters	Fit on flat 'K'
2.12 to 2.50 diopters	.25 steeper than 'K'
Over 2.50 diopters	Consider toric bifocal

Standard lens diameter is 9.4 truncated to 9.0. Diameter is variable based on steepness/flatness of "K" readings. Although the majority of these lenses are truncated to aid against rotation, they may also be manufactured in round diameters. Truncation can be done later, if required, by returning the lens(es) to the lab for modification.

The standard amount of prism ballast is $1^{1/2}$ diopters. This can vary depending on the particular situation. Patients with minus powers might require more, whereas plus powers usually require less.

Standard segment height is 4.1mm (on a 9.4/9.0 truncated lens). This parameter may vary, depending on many factors. Some measurements that should be taken into account when determining a proper segment height are:

- Position of lower lid in relation to lower limbus
- Palpebral fissure height
- Pupil diameter (normal illumination)
- HVID (horizontal visible iris diameter)
- Lower lid to lower pupillary margin

The ReadRite has a standard tri-curve finish. Secondary and peripheral curves can be changed or modified as needed.

We recommend mid to high-dk materials because of thicker than standard lens profiles. However, this design is available in a wide variety of materials, depending on the doctor's preference.