NOVA - ADVANCE

Back Surface Free-Form PAL

Nova-Advance takes advantage of patented internal free-form technology.
The Advance lens is available in a wide variety of materials and lens treatment options, including polarized and Transitions® lenses.

Nova – Advance

- Uses a universal (semi-soft) blended design that provides ample distance vision and a adequate reading area. It is a good choice for emerging presbyopes, as well as experienced wearers.
- Nova - Advance is ideally suited for all add power prescriptions and most difficult Rx's.
- Advanced aspheric compensation (measured power) in the intermediate and near zones reduces aberrations providing the best optics for the as-worn position
- Available in three corridor lengths: 10, 12 and 14mm, with three fitting heights, respectively at 14, 16 and 18mm , with variable insets and is a 0 drop lens design.
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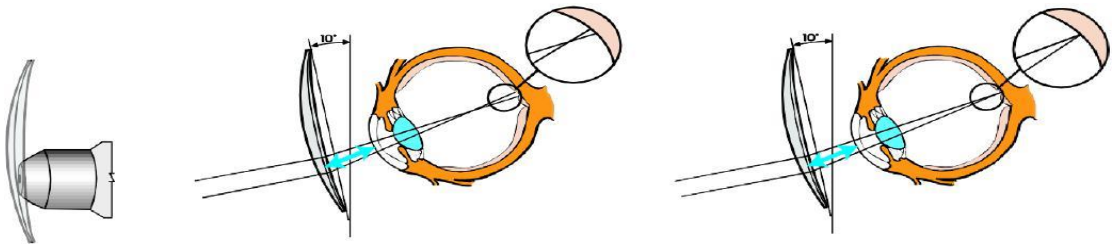
For the highest level of optical performance, Nova-Advance lenses introduce advanced aspheric compensation (AAC) into the intermediate and near visual zones. AAC optimizes the optical performance of the lens in the as-worn position, taking into account eye rotation in relation to the visual and optical axis of the lens.

AAC reduces the aberrations caused by varying vertex distance, while compensating for pantoscopic tilt as the eyes converge from the fitting cross through the reading area. This is a tremendous benefit to patients with difficult prescriptions.



Fitting & Power Verification

FX lenses are fit as easily as a conventional PAL. Always take an accurate monocular PD, and ensure proper lens height.

AAC alters the surface power (as measured with a lensometer) to deliver the prescribed power when the lens is positioned properly in front of the eye. This "targeted measured power" is calculated when the lens is processed and will be printed on the job order invoice.

Rx Prescribed R -4.00 -0.50 x 010 +2.00 add
L -4.00 -0.50 x 170 +2.00 add

Lensometer $_{Rdist}$ -4.00 -0.50 x 010 $_{Rnear}$ -2.09 -0.646 x 6.2

Verification: Ldist -4.00 -0.50 x 170 $_{Lnear}$ -2.019 -0.646 x 173.8

NOVA OPTICAL LABS "Independent & Family Owned" TRULY ALBERTAN INDEPENDENT "We See all your Needs."

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