

Enhanced comfort through edge lift control

Achievement[®] is a unique patented design that enhances wearing comfort and offers a simplified approach for greater GP fitting success. It is ideal for lower corneal astigmatic patients and those with up to 2.50D of with-the-rule corneal cylinder.

Features

Spherical Base Curve with Controlled Edge Lift Design

Expanded Parameter Capabilities

Manufactured in Boston ES[®]

Manufactured in Boston XO[®]

Benefits

Minimizes mid-peripheral bearing and excessive edge stand off, which increases initial comfort and enhances tear flow.

Adaptable to a wide range of custom parameters, providing ease of fitting for flatter/steeper corneas and high plus/minus powers.

Proven wettability, durability, and structural stability.

Exceptional material for high oxygen demand corneas.

Available Parameters

Power: +/-20.00D in .25 steps

Diameter: 9.0 to 10.0 in .10mm steps

Base Curves: 7.00 to 8.40mm in .05 steps

One Warranty, No Worries

Unlimited Exchanges! No Lens Returns Required*!

No Material Exchange Fees! Our worry-free fitting warranty has you covered for 120 days from the initial order date.

*Exceptions apply for cancellation and non-parameter or Rx related exchanges. Policy subject to change.

ARTOptical
| contact lens, inc.

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online **www.artoptical.com**

Fitting Guide:

FITTING & REFERENCE GUIDE

1. Initial Base Curve Selection by Keratometry

Step 1: Measure central corneal curvature and identify the flat K.

Step 2: Calculate the corneal astigmatism (difference between the flat and steep K).

Step 3: Identify the corneal astigmatism factor based on the amount of corneal astigmatism.

Amount of Corneal Astigmatism in Diopters	Corneal Astigmatism Factor (with respect to Flat K)
0.00-0.25	0.25 flatter
0.50-1.00	On flat K
1.25-1.75	0.25 steeper
2.00-2.50	0.50 steeper
>2.50D	(Select Aspheric Base Curve or Toric Design)

Step 4: Calculate the base curve radius by adding the corneal astigmatism factor

2. Calculation of Contact Lens Power

Step 1. Convert the prescription to minus cylinder form. Ignore the cylinder component and use only the spherical power.

Step 2. If spherical power is greater than +4.25 or -4.25, correct for vertex distance utilizing Art Optical's conversion slide rule or vertex conversion chart.

Step 3. Calculate the power induced by the tear lens, the difference between the flat K and base curve. When going steeper than flat K add minus - "SAM" (Steeper Add Minus). When going flatter than flat K add plus - "FAP" (Flatter Add Plus).

Trial Lens Fitting Set Parameters:

Base Curves: 7.30-8.30mm in .10mm steps
Diameter: 9.40
Power: -3.00D