Fitting Guide

1. Determine "K" readings

It is recommended that the XCone is fit utilizing topography

2. Base curve selection

It is recommended that the XCone is fit utilizing a diagnostic lens set

Utilizing "K" readings only, use the steep "K" reading as the base for the calculation

When using Topography, utilize the steepest reading at the apex of the cone and the following chart to determine the initial base curve selection:

45.00 to 47.00	Fit 1.00 diopter flatter than steepest reading
47.25 to 48.50	Fit 1.50 diopters flatter than steepest reading
48.75 to 51.00	Fit 2.00 diopters flatter than steepest reading
51.25 to 53.25	Fit 2.50 diopters flatter than the steepest reading
53.50 to 55.00	Fit 3.00 to 3.50 diopters flatter than the steepest reading
55.25 to 60.00	Fit 3.50 to 4.00 diopters flatter than the steepest reading
60.25	Fit 4.00 diopters flatter than steepest reading

3. Diameter selection

Preferred starting diameter is 10.00mm

4. Determine refraction

Empirically—utilize spectacle Rx and adjust accordingly for base curve selection

Diagnostic—perform over-refraction and add difference to the diagnostic lens power to determine the final lens Rx

**Vertex power if greater than +/- 4.00, do not use spherical equivalent*

Available parameters:

Base curve	8.40mm to 5.40mm
Diameter	11.00mm to 8.00mm
Power	+20.00 to −25.00

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XCONE™

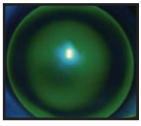
Evaluation and Adjustment Tips

The XCone is a reverse geometry design for keratoconus, pellucid marginal degeneration, post surgical, and irregular corneal applications. The design provides for better centration and less tilting or rocking of the lens. The result is a better fit along with enhanced comfort and acuity.

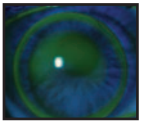
The lens should display a bulls-eye or target pattern.

The lens should display more central vault rather than less.

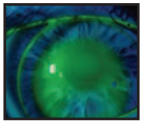
Observation:	Corrective Adjustment:
Decenters laterally Excessive edge lift Lack of pooling	• Steepen base curve • Steepen pc's • Or a combination of both
Lack of edge lift Excessive pooling Lack of movement	• Flatten base curve • Flatten pc's • Or a combination of both
Poor vision	• Verify appropriate fit • Perform over-refraction and adjust power accordingly • If residual cylinder exists call consultation



Preferred Fit



Flat Fit



Steep Fit

Please call GP Customer Service at your preferred ABB CONCISE location: 1-800-772-3911 California or 1-800-225-1812 Massachusetts

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