

# PRESBYOPIC SUCCESS FITTING SYSTEM

## STEP 1

SELECT BASE CURVE AND DISTANCE POWER

### ADJUSTMENT

| Flat K | Base Curve Selection | Distance Power Adjustment |
|--------|----------------------|---------------------------|
| 40.50  | 8.20                 | -0.50                     |
| 40.75  | 8.10                 | -0.75                     |
| 41.00  | 8.10                 | -0.50                     |
| 41.25  | 8.00                 | -1.00                     |
| 41.50  | 8.00                 | -0.75                     |
| 41.75  | 7.90                 | -1.00                     |
| 42.00  | 7.90                 | -0.75                     |
| 42.25  | 7.90                 | -0.50                     |
| 42.50  | 7.80                 | -0.75                     |
| 42.75  | 7.80                 | -0.50                     |
| 43.00  | 7.70                 | -0.75                     |
| 43.25  | 7.70                 | -0.50                     |
| 43.50  | 7.60                 | -0.75                     |
| 43.75  | 7.60                 | -0.50                     |
| 44.00  | 7.50                 | -1.00                     |
| 44.25  | 7.50                 | -0.75                     |
| 44.50  | 7.50                 | -0.50                     |
| 44.75  | 7.40                 | -0.75                     |
| 45.00  | 7.40                 | -0.50                     |
| 45.25  | 7.30                 | -1.00                     |
| 45.50  | 7.30                 | -0.75                     |
| 45.75  | 7.30                 | -0.50                     |
| 46.00  | 7.20                 | -0.75                     |
| 46.25  | 7.20                 | -0.50                     |
| 46.50  | 7.10                 | -1.00                     |
| 46.75  | 7.10                 | -0.75                     |
| 47.00  | 7.10                 | -0.50                     |
| 47.25  | 7.00                 | -1.00                     |
| 47.50  | 7.00                 | -0.75                     |
| 47.75  | 7.00                 | -0.50                     |
| 48.00  | 6.90                 | -1.00                     |
| 48.25  | 6.90                 | -0.75                     |
| 48.50  | 6.90                 | -0.50                     |
| 48.75  | 6.80                 | -0.75                     |
| 49.00  | 6.80                 | -0.50                     |

## STEP 2

DETERMINE  
NEAR POWER

Provide the patient's spectacle add power.

## STEP 3

CHOOSE  
SEGMENT  
POSITION

Start at 1.0mm BGC (Only 1.0 and 1.5 are available)

## STEP 4

ORDER LENS

9.3mm diameter, prism included

## STEP 5

EXAMPLE

Spectacle Rx = -2.00 - 0.75 X 180, +2.00 Add

K's 42.50 @ 180 / 43.25 @ 090

Initial Lens Selection:

Base Curve = 7.80mm

Distance Power = -2.75 (-2.00 + (-)0.75)

Add Power = +2.00D

Diameter = 9.3mm

Seg Position = 1.0mm BGC

Prism Ballast

## PROBLEM SOLVING GRID

| PROBLEM             | CAUSE   | RECOMMENDATION  | PROBLEM                                     | CAUSE   | RECOMMENDATION  |
|---------------------|---|---|---|---|---|
| Lens Riding High    | Base Curve too Flat<br>Displaced Corneal Apex         | Steepen Base Curve  | Segment Line too Low                        | Lens Riding Low   | Flatten Base Curve<br>Raise Seg Line to 1.0mm BGC                       |
| Lens Riding Low     | Base Curve too Steep                                  | Flatten Base Curve  | Segment Line too High                       | Lens Riding High  | Steepen Base Curve<br>Lower Seg Line to 1.5mm BGC                       |
| Excessive Movement  | Base Curve too Flat                                   | Steepen Base Curve  | Poor Distance Vision                        | Lens Riding High<br>Lens Riding Low<br>Segment too High<br>Incorrect Rx | Steepen BC<br>Flatten BC<br>Lower Seg Line to 1.5mm BGC<br>Over Refract |
| Restricted Movement | Base Curve too Steep                                  | Flatten Base Curve  | Excessive Nasal Rotation (more than 15°)    | Lid Configuration<br>Oblique Corneal Cylinder                           | OD: Use prism axis 110°<br>OS: Use prism axis 70°                       |
| Poor Near Vision    | Lens Riding Low<br>Segment too Low<br>Wrong Add Power | Flatten Base Curve<br>Raise Seg Line to 1.0mm BGC<br>Over Refract | Excessive Temporal Rotation (more than 15°) | Lid Configuration<br>Oblique Corneal Cylinder                           | OD: Use prism axis 70°<br>OS: Use prism axis 110°                       |

## FLUORESCEIN PATTERN INTERPRETATION

The optimum fluorescein pattern is one where there is alignment achieved along the flattest corneal meridian, accompanied by unobstructed movement along the vertical meridian.

## Essential Solution Warranty and Guaranteed Fit:

Warranty: \$100.00 per lens

90 days for two (2) exchanges per eye and cancellation with 80% credit on each return.

*Decreased Lens Mass for a More Comfortable Fit.*

*Improved Performance.*

*Up to +3.50D Add in a Significantly Thinner Lens Profile.*

*A Translating Design with Intermediate Vision.*

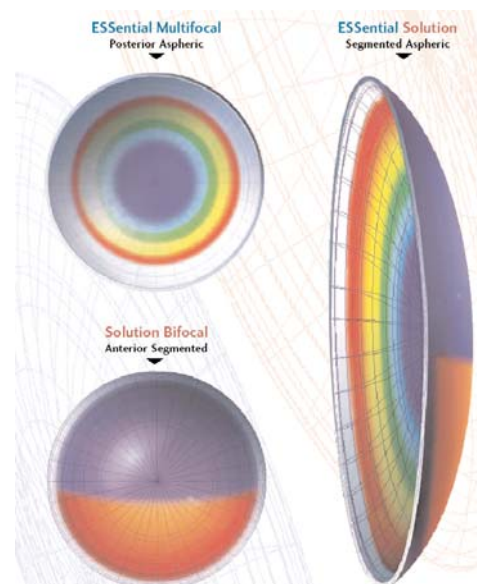
*Manufactured utilizing proprietary S-Form lathing technology with Boston® XO material.*



## LENS PARAMETER AVAILABILITY

|                   |                                       |
|-------------------|---------------------------------------|
| Base Curve:       | 7.10mm - 8.20mm (47.50D - 41.12D)     |
| Distance Power:   | +6.00D to -10.00D                     |
| Diameter:         | 9.3 only                              |
| Add Power:        | +0.75D to +3.50D                      |
| Prism:            | Prism included                        |
| Prism Axis:       | 90° +/-20°                            |
| Segment Position: | 1.0mm or 1.5mm below geometric center |
| Truncation:       | upon request only                     |
| Material:         | Boston XO Ice Blue                    |

## SCHEMATIC DRAWING



## DIAGNOSTIC SET PARAMETERS

|                   |                                  |
|-------------------|----------------------------------|
| Base Curves:      | 7.10mm to 8.20mm in 0.10mm steps |
| Distance Power:   | -3.00D                           |
| Diameter:         | 9.3mm                            |
| Add Power:        | +2.00D                           |
| Segment Position: | 1.0 BGC                          |
| Prism:            | Prism included                   |

\*Plus Power diagnostic set available upon request.



## FITTING GUIDE



California  
1-800-342-2724

Florida  
1-800-432-3838

Georgia  
1-800-241-9312

Maryland  
1-800-221-9235

Minnesota  
1-800-926-6822

Pennsylvania  
1-800-245-0797

Washington  
1-800-426-6241

INNOVATORS IN GP DESIGN