

essilor

CUSTOM CONTACT LENS  
SPECIALISTS



**B**flex-3  
**Multifocal**

**Fitting Guide**



# Flex-3™ Multifocal

## Fitting Guide



### FLEX-3™ MULTIFOCAL

- Easy to fit with a spherical base curve, a progressive intermediate and near optics on the front surface in order to provide proper focus at all ranges.

### PARAMETERS AVAILABLE

BASE CURVE	POWER	DIAMETER	ADD POWER	PUPIL DIAMETER	MATERIAL
7.00 to 8.50	+20.00 to -20.00	9.60-10.00	+1.00 to +3.50	3.0 to 5.0	ANY

### LENS DESIGN

- Flex-3™ Multifocal incorporates a spherical back surface allowing the lens to be fitted as a single vision gas permeable lens. The front center portion of the lens has a zone that provides clear distance vision and it is adjustable for large and small pupils.

### INITIAL LENS SELECTION

- Choose a base curve using the same fitting principles as a regular single vision gas permeable lens, making sure that it positions centrally with a standard diameter between 9.6 and 9.8mm.
- Check pupil diameter under NORMAL illumination and if it is larger than 4.5mm provide the lab with the actual measurement.

### POWER SELECTION

- Use the full distance and near power of the patient spectacle RX, compensating for any base curve adjustment and vertex distance if more than +/- 4.00 D.

### EVALUATION

- Distance vision should be checked by having the patient looking straight ahead and under FULL illumination. Check the near vision by giving the patient a reading card, have them gaze down, and use hand-held lenses.

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### BASE CURVE SELECTION GUIDE

CORNEAL ASTIGMATISM	BASE CURVE	DIAMETER
0.25 to 0.50 D	ON FLAT K	9.6 to 9.8
0.75 to 1.25 D	0.25 STEEPER	9.6 to 9.8
1.50 to 2.50 D	0.75 STEEPER	9.6 to 9.8

\*\* Not recommended to fit over 2.50 D of cylinder due to possible poor centration.

\*\* The ideal diameter size is 9.8

### TROUBLESHOOTING

SYMPTOMS	CAUSE	FIX
LENS RIDING HIGH	EXCESSIVE MOVEMENT WITH BLINK	STEEPEN BC BY 0.50 D
LENS RIDING LOW		STEEPEN BC BY 0.50 D
LENS RIDING LOW	WITH NO MOVEMENT (RIDING PAST THE LIMBUS)	INCREASE DIAMETER BY 0.20 STEEPEN BC BY 0.75
EXCESSIVE MOVEMENT	TOO LOOSE	STEEPEN BC BY 0.50 D
POOR NEAR ACUITY	PUPIL ZONE TOO LARGE	DECREASE PUPIL DIAMETER
POOR DISTANCE ACUITY	PUPIL ZONE TOO SMALL	INCREASE PUPIL DIAMETER
POOR NEAR ACUITY	IF LENS IS DECENTERING LOW AND HAS INSUFFICIENT MOVEMENT	FLATTEN BC BY 0.50 D
POOR DISTANCE ACUITY	IF LENS IS DECENTERING HIGH	STEEPEN BC BY 0.50 D