

Starlens® Fitting System

Step 1 Select Base Curve*	Corneal Cylinder		Base Curve		
	Plano to -1.00D		On Flat K		
	1.12D to -1.50D		0.25D steeper than Flat K		
	1.62D to 2.00D		0.50D steeper than Flat K		
	2.00D to 2.50D		0.75D steeper than Flat K		
	2.75D or more		Discuss with Consultant		
Step 2 Choose Diameter	Base Curve	Diameter			
		Small	Recommended	Large	
	7.10 to 7.38mm	8.7mm	9.0mm	9.3mm	
	7.42 to 8.08mm	9.0mm	9.3mm	9.6mm	
	8.13 to 8.49mm	9.3mm	9.6mm	9.9mm	
Step 3 Determine Power	Determine the lens power to be ordered. First, vertex the distance power of the spectacle prescription to the corneal plane, if necessary.				
	Next adjust for tear layer effects depending on the base curve selected. When fitting steeper than K, compensate for the tear layer effect with minus power. When fitting flatter than K, compensate for the tear layer effect with plus power.				
This nomogram is based on using the recommended diameter.					
*Smaller diameter – fit 0.25D steeper					
* Large diameter – fit 0.25D flatter					

Starlens® Problem Solving Grid

Lens Riding High	Steepen Base Curve by .50 D	
	Reduce Diameter by .3 mm	
Lens Riding Low	Movement with Blink	Steepen Base Curve by .50D
		Increase Diameter by .3mm
	No Movement	Flatten Base Curve by .50D
		Decrease Diameter by .3mm
Excessive Movement	Steepen Base Curve by .50 D	
	Increase Diameter by .3mm	
Restricted Movement	Flatten Base Curve by .50D	
	Decrease Diameter by .3mm	
Bubbles	Centrally	Flatten Base Curve by .50D
		Decrease Diameter by .3mm
	Peripherally	Decrease Edge Lift to (A Curve to C Curve, C Curve to E Curve)
		Increase Diameter by .3mm
Surface Non Wetting	New Lens	Clean Lens
		Change Material
	Older Lens	Clean Lens
		Order New Lens
Too Much Edge Lift	Reduce Edge Lift to (A Curve to C Curve, C Curve to E Curve)	
	Increase Diameter by .3 mm	
Not Enough Edge Lift	Increase Edge Lift (E Curve to C Curve, C Curve to A Curve)	
	Decrease Diameter by .3 mm	