

Fitting Guide

Always Ahead of the Curve

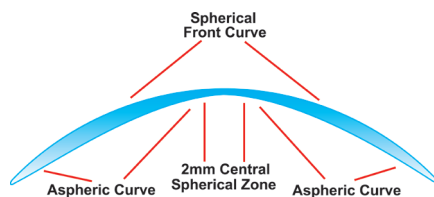


METRO Progressive[®] Aspheric Multifocal

Designed for the emerging to moderate presbyope, this advanced multifocal lens features near, intermediate and distance corrections in a highly successful combination. Distance vision is presented in the center portion of the lens with a progressive add power outward and it has an effective add power range of up to +2.00 diopters.

Enhanced METRO Progressive[®] Aspheric Multifocal

The Enhanced Metro Progressive has all the great features of the Metro Progressive and is designed for patients that require more add power. The effective add power range of this multifocal is +2.75 diopters.



Lens Parameter Availability

Base Curve*	5.45 mm (62.00 diopters) to 10.55 mm (32.00 diopters)
Power*	+10.00 to -10.00 diopters
Diameter*	8.8 mm to 9.8 mm
Add Power	Up to +2.75 diopters

* Custom & Toric parameters available.

Employ empirical fitting approach.

Step 1 Design Selection

Add Power Required	Design
0.00 to +2.00	Metro Progressive
+2.00 to +2.75	Enhanced Metro Progressive
over +2.75	Consider Metro-Seg (See reverse side)

Step 2 Base Curve Calculation

Using Keratometry or Corneal Topography readings, base curve should be figured at 1.75 diopters steeper than flat "K" reading.

Example: K's are 44.00 / 45.25
Base Curve would be $44.00 + 1.75 = 45.75$ (7.38 mm)

Note: The base curve is figured in this fashion because this represents only the central 2 mm of the lens and the base curve rapidly flattens outward and will present an aligned fit.

Step 3 Power Calculation

Using spectacle prescription in minus cylinder form, vertex (distance 13 mm) spherical power above +/- 4.00, then add -1.25 to determine distance prescriptive power.

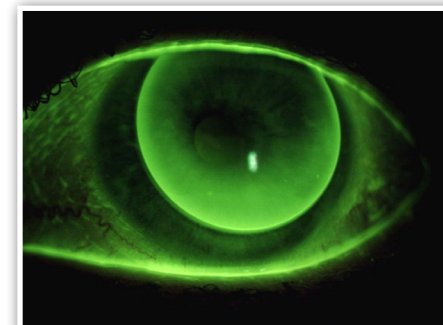
Example: -4.50 -1.50 x 170
Vertex adjusted sphere $-4.25 + -1.25 = -5.50$ lens power.

Note: The lens power is not increased at the same rate as the base curve to flat "K" relationship to avoid an over-minus of the distance prescription which will adversely affect the add power.

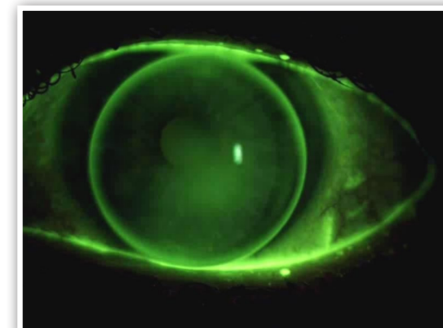
Step 4 Diameter Selection

Base Curve	Diameter
Flatter than 42.00 D	9.8 mm
42.00 to 46.00 D	9.5 mm
Steeper than 46.00 D	9.2 mm

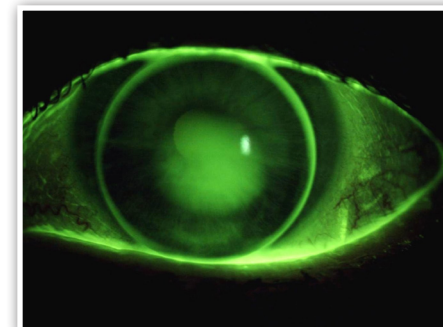
Too Flat



Ideal Fit



Too Steep



Always Ahead of the Curve



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