



*Essilor Laboratories of America, Inc.*  
**Contact Lens Division**

**CVC / S-Cone Design – Simplified Fitting Guide**

- After determining k's, either manually or by topography, select an initial base curve that is 1 diopter steeper than mean 'K'.
- Diameter selection is based on cone location and size, as well as the initial base curve. Rule of thumb is for curves between 5.00mm-5.99mm, a diameter of 8.5 mm is recommended; for curves between 6.00mm-6.99mm, a diameter of 9.0 is recommended; for curves 7.00mm and flatter, a diameter of 9.2 is recommended. Again, these are generalities.
- Initial power computation is simple. Determine base curve to flat K relationship, and add that amount of minus to the sphere component of the patients' refraction after vertexing..
- If you have questions or feedback regarding the CVC / S-Cone design, please feel free to give us a call.
- If you need consultation, please call one of the numbers listed below--

Essilor Contact Lens Division (Omega) – Dallas – 1-800-366-3933  
Essilor Contact Lens Division (Duffens) – Tulsa – 1-800-685-5367  
Essilor Contact Lens Division (Duffens) – Denver – 1-800-362-4233

We appreciate the opportunity to earn your business.