

Lens Thickness & Weight

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NOTE: This calculator in *eye tools* is used to see a comparison between two different spectacle lens materials. Calculations show the comparisons of finished lens weight, thickness and possibility of chromatic aberrations.

After making these comparisons, *eye tools* can also be used to print a useful patient handout that summarises the results.

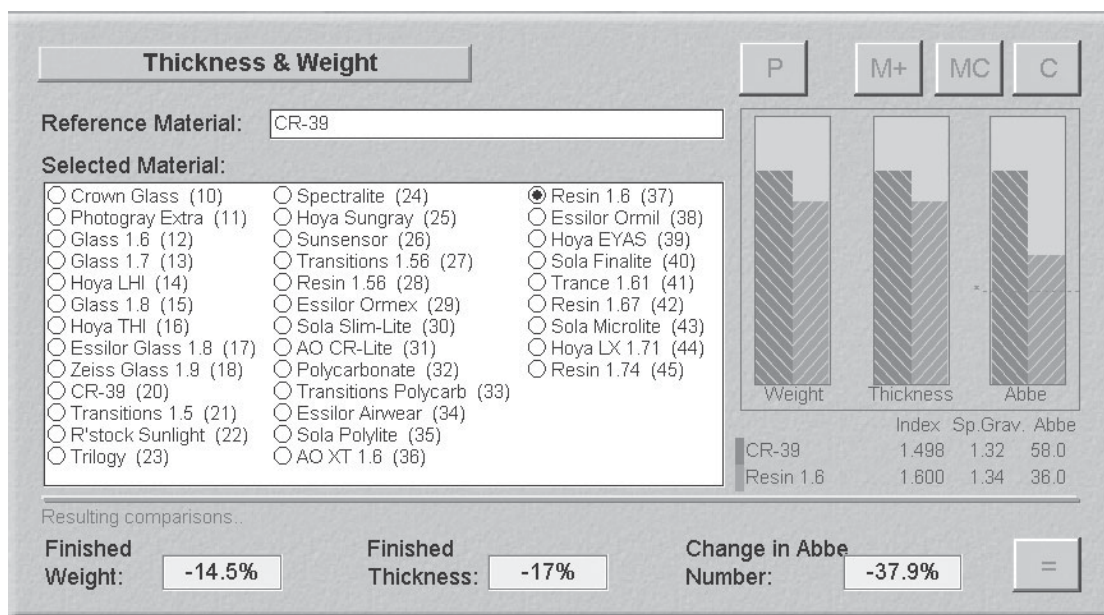


Figure: The calculator for Thickness & Weight

1. Click on **C** to clear all data.
 2. Select a *Reference Material* for the calculation.
 3. Click on the *Selected Material* to be evaluated.
 4. Click on **=** to make the calculation.
 5. The results are displayed as comparisons between the two materials: *Finished Weight*, *Finished Thickness* and *Change in Abbe Number*.
 6. To print a copy of the results: Click on **P**
- ✓ **Tip:**
- This comparison is useful when two alternatives are being considered, or to demonstrate the advantages of a new lens material compared to the material that was used in the patient's previous spectacles.

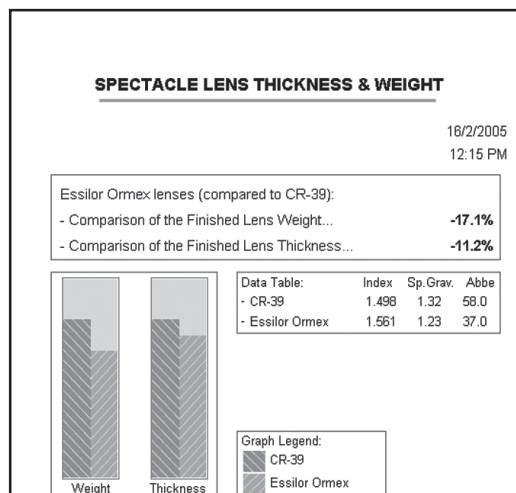


Figure: Sample printout for Thickness & Weight