

(CC) Concave  
(CX) Convex

**Description**

**Crosshatch Adhesion (CX) 4DQ**

Sample	Crosshatch
1	5
2	5
3	5

**Notes:** See Exhibits "B" for an explanation of the results by clicking the "Understanding the Numbers" link on the summary page.

No adhesion issues on the concave side of the sample, as no delamination can be seen. The sample is ranked on a 0 to 5 scale, with 5 being the best.

**Crosshatch Adhesion**

This is a quick test to roughly find out whether there is good adhesion of a coating to the surface of a lens. A tool is used that holds 6 razor blades. It is dragged across the lens surface so as to leave penetrating slices into the lens surface. This is done again at 90 degrees from the first marks and directly across them leaving 25 tiny squares. Tape is pressed onto the surface of the lens and pulled at a 180° after a timed interval. The amount of coating that comes off within the crosshatched area determines a number from 0 to 5, where 5 is pristine.

This test can be combined with other tests e.g., the Cycle Humidity Oven Crosshatch Adhesion Test and the Boiling Water Test.