At Corning, we put over 160 years of materials science expertise into the development of every Gorilla Glass product. Our scientists are passionate about glass, dedicating themselves to studying its properties and understanding how and why it scratches and breaks. We also consult how consumers use mobile devices, ask them about their biggest concerns and complaints, and meticulously analyze broken and scratched cover glass on all types of mobile devices. Our current portfolio of Gorilla Glass products is optimized for specific applications while maintaining the damage-resistant properties Gorilla Glass is famous for.

### Gorilla Glass

**Gorilla Glass 4**
- 1 meter drop survival up to 80% of the time on rough surfaces.

**Gorilla Glass 5**
- 1.6 meter drop survival up to 80% of the time on rough surfaces.

**Gorilla Glass SR+**
- Superior scratch resistance with Gorilla Glass toughness

### Consumers’ #1 and #2 Complaints

**CORNING GLASS DELIVERS**

- The Tumble Test replicates scratch and impact damage from exposure to common contents of a purse.

### Optical Transmission

Optical Transmission is a measure of the amount of light transmitted through the display and the cover glass.

#### LESS BRIGHT

- Sapphire
- Gorilla Glass 5
- Gorilla Glass SR+

#### BRIGHTER

- Sodalime Glass
- Gorilla Glass 4

### Thinner

Materials with a high retained strength best enable thinner and lighter weight device designs. The graph below shows the relative thickness required of different cover materials to achieve similar retained strength.

#### THINNER

- Sodalime Glass
- Sapphire

#### THICKER

- Gorilla Glass 4
- Gorilla Glass 5
- Gorilla Glass SR+