

Corning Unveils "Willow" Glass

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Corning presents the next Gorilla Glass generation-- Willow Glass, an ultra-slim flexible glass for "today's slim displays and the smart surfaces of the future."



The glass is just 100 microns thick (as thin as a sheet of copy paper) and can be potentially "wrapped" or mounted around non-flat surfaces. The company also says Willow Glass supports thinner backplanes and colour filters for both OLED and LCD technologies.

It withstands temperatures of up to 500 degrees Celsius, allowing for previously impossible high-temperature, continuous "roll-to-roll" processes similar to newsprint production.

OEMs can also produce the glass using current sheet-to-sheet processes.

Gorilla Glass is currently sending sample Willow glass rolls to unnamed customers while testing out other potential applications for the technology, including lighting and flexible solar cells.

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