《妈妈再也不用担心我的手机屏碎了，第五代Gorilla Glass 超抗摔玻》

导读:对于大屏手机来说碎屏绝对是一大噩梦，现在好了第五代Gorilla Glass玻璃来了，手机更耐摔！

Dropping your smartphone when taking a selfie could soon be less risky, says specialist glass maker Corning.

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It has launched its next generation of Gorilla Glass - the material used in more than 70% of smartphone screens, including on Samsung and Apple devices.

??????????Gorilla Glass??——??70%????????????????Gorilla Glass????????

Corning said Gorilla Glass 5 could survive more than 80% of drops from as high as 1.6 metres.

????1.6??????????????Gorilla Glass ??????80%?

Shattered or cracked screens are the number one cause of smartphone repairs and customer complaints globally.

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The new glass was tested on rough surfaces - a demo for journalists showed dummy phones being dropped from a height of 1.6 meters onto a sheet of sandpaper.

??1.6??????????????????

Some of the phones tested survived over 20 hard drops in the lab. Typically, most phone drops are from between waist and shoulder height.

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As well as drops, the company said it was twice at good at resisting scratches and other damage compared to what's currently on the market.

??????Gorilla Glass ?????????????????????

Device manufacturers are expected to unveil products with the new glass within the next few months.

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We've been working with our closest customers for quite some time now, Corning's vice president and general manager John Bayne told the BBC.

??????????????John Bayne?BBC?????"?????????????"

And there's tremendous interest in this product for obvious reasons.

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However, he warned that Corning had no control over eventual smartphone designs, meaning some models could be slightly weaker depending on the manufacture and design of the device. Corning's statistics were based instead on controlled lab conditions.

??Bayne???

Corning's work in specialist glass dates back to 1879, when it produced the glass used in the iconic Edison

lightbulb.

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By 2016, more than 4.5 billion devices use Gorilla Glass, which is created using a technique known as fusion forming. It involves placing the raw materials - sand and "other inorganic material" - into a melting pot.

??2016????Gorilla Glass?????????45??????????????“????”????????????????????????????????

It is then transferred to an isopipe, essentially a small trough, which is intentionally overfilled. The melted material spills out over both sides and combines underneath to form the sheet of glass.

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This technique means there is no human contact needed in creating the glass, eliminating defects and removing the need to treat the glass afterwards.

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