News Release
August 6, 2024
Nippon Electric Glass Co., Ltd.

NEG's "Dinorex UTG™" Ultra-Thin Glass for Chemical Strengthening Adopted for Display Cover Glass of Motorola's New Foldable Smartphone

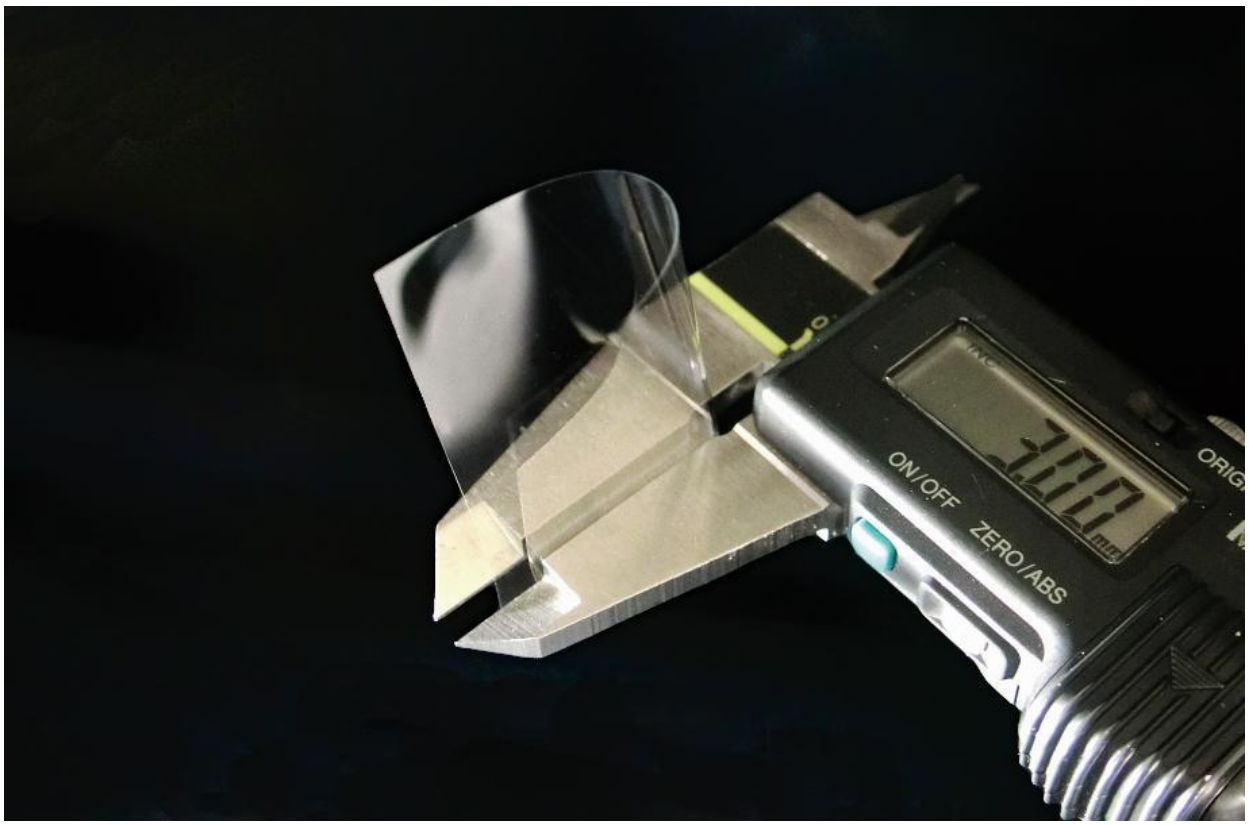
Nippon Electric Glass Co., Ltd. (Head Office: Otsu, Shiga, Japan; President: Akira Kishimoto; “NEG”), a specialized glass manufacturer, has announced that its "Dinorex UTG™" ultra-thin glass for chemical strengthening has been adopted for the display cover glass of Motorola Mobility LLC.’s (hereafter referred to as Motorola) new foldable smartphone, the motorola razr 50 series, which was unveiled on June 25, 2024.



Dinorex UTG™ is used for the main display of the motorola razr 50 series when the device is unfolded.
razr50 ： https://motorolanews.com/new-motorola-razr-family-2024/

The motorola razr 50 series is a foldable smartphone sold by Motorola. Compared to the previous model, the hinge has been miniaturized, allowing for smoother one-handed opening and closing of the device while minimizing the crease on the display.

About Dinorex UTG™



"Dinorex UTG™" ultra-thin glass for chemical strengthening adopted in the motorola razr 50 series.
Despite being glass, it can be bent to a radius of 3mm (R1.5) or less.

"Dinorex UTG™" the ultra-thin glass for chemical strengthening produced and supplied by our company was developed to protect the display screens of flexible devices* like foldable smartphones from scratches and impact shocks. "Dinorex UTG™" is formed using our technology cultivated in the manufacturing of display glass used in LCD TVs, offering high surface smoothness, uniform thickness, and excellent bending characteristics. This makes it possible to achieve highly reliable foldable displays.

*Flexible devices: A general term for products that use electronic components made from new materials that are thin, and capable of being bent or rolled.

As a leading company in specialty glass, we produce and supply high-quality glass, contributing to the development of the display industry. We are also actively engaged in product development utilizing film-forming technologies such as transparent conductive films and anti-reflective coatings. Moving forward, we will continue to provide new value to society through manufacturing that meets various needs, including large, thin, flexible, and high-performance thin films.

About Nippon Electric Glass Co. , Ltd.

Nippon Electric Glass Co., Ltd., headquartered in Otsu, Shiga Prefecture, Japan, is one of the world's leading specialty glass manufacturers. Our specialty glass, which brings about new functionalities, is transformed into various products such as sheets, tubes, fibers, and powders. These products are used in a wide range of fields including semiconductors, displays, automotive, electronics, medical, and energy industries. The specialty glass developed through the technology and achievements we have refined over our 70-year history is highly regarded across various sectors, from everyday life to the forefront of industry.

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