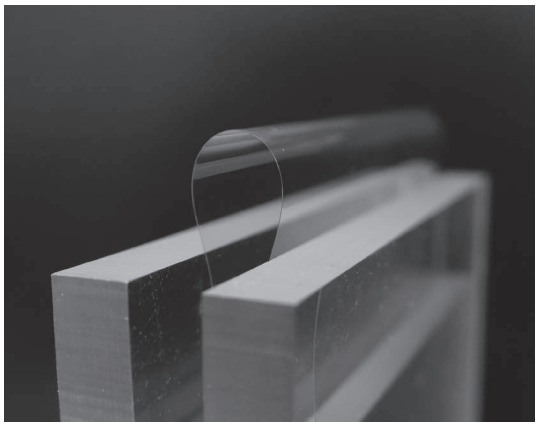
Ultra-thin Glass for Chemical Strengthening

Ref. No. 2610-05E

Dinorex UTG™

Dinorex UTG™ is glass for chemical strengthening developed for use as cover glass for foldable displays. Dinorex UTG™ is formed by overflow technology cultivated in the manufacturing of thin glass for displays, and it has excellent bending properties due to its extremely smooth surface and uniform thickness. It contributes to the realization of highly reliable foldable displays.

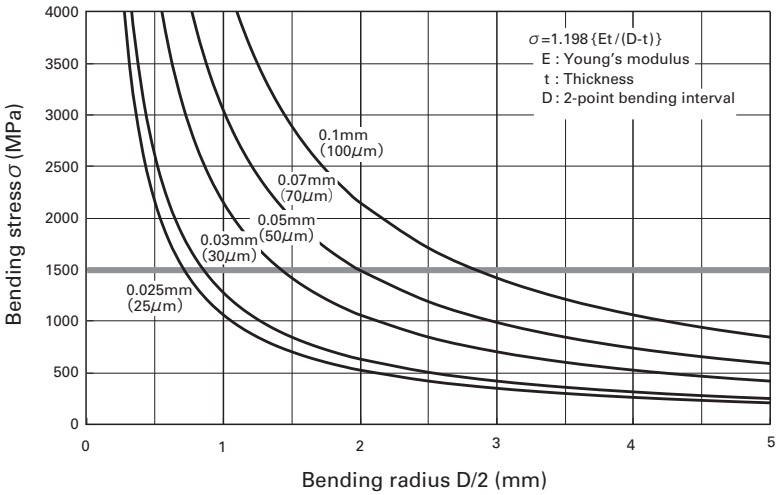


Features

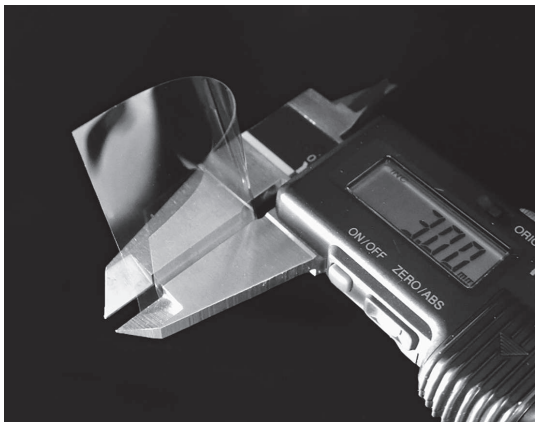
- Superior smooth surface
- Uniformity of thickness distribution
- Excellent bending properties

Vast flexibility due to overflow forming and chemical strengthening

Stress generated by two-point bending



With the combination of a superior smooth surface and thickness distribution uniformity achieved through overflow forming, followed by chemical strengthening and a scratch elimination process, breaking stress of 1500MPa or more is realized, and enormous degrees of foldability are possible.



Can be bent to a diameter under 3mm (≦R1.5)

Images of Application Examples



Cover glass for foldable displays

Specifications

- Shipping form: Sheet

(mm)

Dimensions	
Standard size	Tolerance
300×400–500×700	±0.3

(μm)

Thicknesses	
Center	Tolerance
70, 100	±10%
30, 35, 50	±5

Custom sizes and thicknesses available on request.