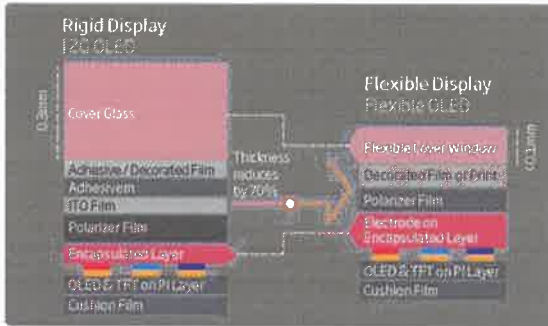


Flexible Cover Window(FCW)

Allowing automotive display and foldable mobile phone display to be designed in various forms while protecting the display from external environment in the safest manner



- As an essential component for flexible display device, FCW is a base film made of high performance organic material, which is combined with specialty hard coating.
- With flexible, impact-resistant and anti-scratch properties, FCW can substitute for the glass layer on the top surface of flexible automotive display and mobile phone display.



Main functions and features

FCW features glass-like, excellent physical properties and optical performance. FCW also provides outstanding flexibility which allows the display to be easily manufactured in flexible forms. As a cover material designed for various forms of display, FCW can be folded and unfolded even hundreds of thousands of times without any deformation or destruction of the material.

	Function
Unbreakability	Delivers impact resistance higher than glass.
Flexibility	Enables diverse forms of display in consideration of the form factors. Ex) Foldable display, rollable display
High hardness & anti-scratch	Offers glass-like feel with high hardness and anti-scratch properties.

SK Innovation Flexible Cover Window



Foldable



Rollable



FCW(Flexible Cover Window) Structure

