

**High Hardness Display Material
Screen Protector**



Enorevo
HYBRID GLASSY FILM

**The spirit of challenging and dreaming of
a better future has made us what we are now.**

**Landhigh Co., Ltd. will do its best to become a company
that provides safe products and convenient services
to customers**

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What is Hybrid Glassy Film?

High Hardness Display Material Screen Protector

A next-generation screen protector that combines the hardness of glass with the flexibility of film.

It offers enhanced protection without sacrificing touch sensitivity or weight.

Why Choose Our Hybrid Glassy Film?

- | | |
|-----------------------------------|--|
| - 9H Pencil Hardness | Superior surface protection against scratches and impacts |
| - Transparent | 91%~93% transparency shows the same quality as the original device |
| - Haze | less 1% haze can make screen more bright |
| - Anti Fingerprint | Easy Remove the fingerprint on the screen |
| - No Rainbow Effect | Rainbow Effect of Protective film makes the Eye Fatigue |
| - Lightweight | Over 50% lighter than tempered glass |
| - Better Touch Sensitivity | Smooth, fast response-even with Apple Pencil |
| - Shatter-Safe | No sharp fragments when broken |
| - Premium Surface Coating | AF (Anti-Fingerprint) & AG (Anti-Glare) options |
| - Bubble-Free Installation | Clean and easy application |



Impact Protection - Use it to Prevent damage when your iphone phone falls off

Physical properties to satisfy those factors require a high pencil hardness and a **certain thickness (340 micron)** or high.

However , touch sensitivity can be lowered at 400 microns or higher, which can lead to problems with fingerprint recognition on the screen of the phone



Lighter Weight than Tempered Glass

Since the latest smartphones are developing technology to reduce weight, So cases and protective films that protect smartphones also require minimal weight while maintaining protection.

Our Material is **mor than 50% lighter** than tempered glass, so it's suitable for the trend



Safer than Tempered Glass

Our material has a characteristic of broken due to its high pencil hardness, but when shattered, it's safe because there is **no glass powder**.

9H Hybrid Glassy Film is made of the Optical PET Film which has a features of Excellent Transparency.

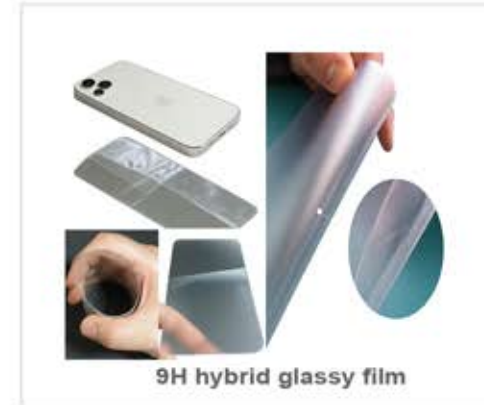
9H Hybrid Glassy Film has a glass membrane coating for scratch Proof(9H Hardness).

Also it has AFP Coating for extrem transparency.

Landhigh's innovated Products, Optical PET Protective Film, that have Ultra High Transparency with All Merits of PET Material and Glass Materials.

9H hybrid glassy film is made from durable PET material, ensuring it won't shatter upon impact. Even if the surface coating cracks, no glass fragments are produced, providing **enhanced safety and peace of mind**

When subjected to impact, Glass can shatter and produce **dangerous shards**.



Scratch Resistance – Tough on Impact, Gentle on Touch

Built with premium 9H hybrid glassy film, this screen protector offers superior durability without compromising touch sensitivity. Designed to absorb shocks and resist scratches, it safeguards your device from accidental drops, bumps, and everyday wear. Despite its toughness, the ultra-smooth surface ensures a gentle, seamless touch experience — just like your original screen.

Ideal for those who demand both rugged protection and effortless usability.



Extreme Transparency – Crystal-Clear View Without Rainbow Effect

Experience unmatched screen clarity with 9H Hybrid Glassy Film, featuring ultra-high transparency that preserves the original brightness, color, and sharpness of your display. Unlike ordinary films, it is specially treated to eliminate the rainbow effect, ensuring a distortion-free and eye-friendly viewing experience.

Perfect for high-resolution displays, the film lets your screen shine —just as it was meant to be seen.

EXTREME TRANSPARENCY

CRYSTAL-CLEAR VIEW WITHOUT RAINBOW EFFECT



Glossy AFP Coating

Sleek Look, Smudge-Free Touch

Experience enhanced screen protection with a premium Glossy Anti-Fingerprint (AFP) finish. This special coating not only adds a high-gloss shine for a crystal-clear viewing experience but also actively resists fingerprints, smudges, and oil marks from daily use.

Perfect for users who want both style and cleanliness, the glossy AFP layer keeps your screen looking polished and new without compromising on touch sensitivity.

Matt (AG) Coating

Anti-Glare Protection with a Smooth Finish

Enjoy a comfortable viewing experience with our Matt (Anti-Glare) Film. This specially engineered surface reduces harsh reflections and glare from sunlight or indoor lighting, making your screen easier on the eyes—even in bright environments.

GLOSSY AFP COATING

Classification	HYBRID GLASS
Contact Angle	114
AF Abrasion Resistance	108
AF Alcohol Resistance	104
Surface Slipness	0.413

MATTE AG COATING



High Quality Anti-Fouling (AF) and Anti-Glare(AG) treatments are essential due to surface Fingerprint (Oil) contamination caused by Touch

Other Matters

1. Laser cutting processing is essential due to high pencil hardness

Cutting with Die-cut Machine is not recommended
Cutting with high speed CNC is available

2. All Materials and Entire Process Made in South Korea

The entire process from material development, surface treatment, and laser cutting process is carried out in South Korea, enabling product development and rapid response.

3. Advantageous for large area size application

It is more advantageous to apply to large-area tablet sizes due to its light weight.

Technical Data Sheet

LH9FG340AF

Structure

PET Liner
Adhesive
AF High hardness layer
Silicon adhesive
PET Liner 75um

Item	Thicness (μm)	Type	Color
PET Liner e	50		Clear
Adhesive	10	Silicone Adhesive	
Main layer	340		N/A
Adhesive		Silicone Adhesive	
PET Liner	75		N/A

Surfsce property

Test Item	Unit	Real Value	Test Method
Appearance	-	Good	AM Method
Hardness	H	9H	JIS 5600
Total Thickness	μm	475	Micrometer
H2O(°)	°	112	AM Method
Adhesive Strength	gf	6	UTM on Glass
Transmittance	%	91.9	Haze Meter
Haze	%	0.7	Haze Meter