

## 3M™ Glossy Protection Film



Durable screen.  
Durable protection.

A new facet in screen protection is now available to help give LCD screens a new, longer life. With a gloss finish, 3M™ Glossy Protection Film features optically clear film with an easy-to-clean Scotchgard™ coating and a more durable hardcoat designed to make LCDs look like new longer.

- Durable hardcoat – helps protect LCD screens and helps screens endure the rigors of daily use.
- Glossy surface – maintain the finish of a glossy display or instantly upgrade a matte display to high-gloss.
- High-tech adhesive – helps minimize minor scratches and scuffs.
- Optically clear, ultra-thin film offers greater than 93% transmission, keeping display bright with no color distortions.
- Anti-static – helps prevent the attraction of dust and lint during film application.
- Easy-to-clean surface – even markers and ink pens wipe right off.
- Easy on, easy off – easy to apply! Removes easily, leaving no residue.

**3M**

## A new facet in screen protection

LCD screens face a harsh reality – the fragile, pristine screen is susceptible to damage from the moment it is unpacked. Scratches, scuffs and imperfections are an unfortunate result of regular use.

### “It can’t stay new forever but it can look like new longer”

3M™ Glossy Protection Film offers durable, glossy enhancement coating that helps the LCD screen look like new longer. The glossy hardcoat protects a new display but can also refresh an existing display to look like new again.

For LCD screens this product is a true gem. 3M™ Glossy Protection Film protects, applies and removes easily, can be custom cut and is easy to clean – even pen or marker wipes away quickly.



1. Durable glossy hardcoat is designed to protect fragile LCD screens.



2. Non-permanent adhesive applies easily and removes without leaving any residue.

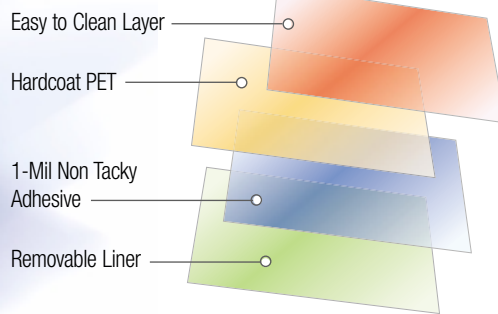


3. Easy-to-clean Scotchgard™ coating – fingerprints and smudges wipe away with ease.\*



\* Always follow manufacturer's recommended cleaning method.

#### Layers:



## 3M™ Glossy Protection Film

Typical Film Properties		Environmental Testing		Storage Requirements	
Thickness	155 um +/- 12	Heat resistance	85C x 500 hrs	Storage Temp.	15 – 35 degrees C
Hardness	>= 4H	Cold resistance	-40C x 500 hrs	Storage Humidity	50 +/- 15%
Taber Abrasion	< 8% Δ Haze	Humidity resistance	65C/90% relative humidity x 500 hrs.	<b>Chemical Resistance to:</b>	
Steel Wool Abrasion	No scratch visible	Thermal shock	-40C x 1 hr/85C x 1 hr.) x 100 cycles	No visible change with exposure to:	MEK, Toluene, Acetone, Cola, IPA, water, insoluble marker, etc.
Surface Energy	< 30 dynes/cm				
Haze (Gloss Level)	< 3%				
Transmission	>= 93%				
Static Charge Decay	<0.5s				
Clarity	>= 99%				



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