



PhotoDon
Improving Screen Images

Touché Oleophobic Film



- » **Revolutionary Shatter-Proof Impact Resistance**
- » **9H Hardness for Scratch Resistance**
- » **Oleophobic Coating for Easy Cleaning**

Touché 9HO is ideal for satisfying both ease of cleaning and high hardness at an affordable price

Block the Abuse of Everyday Use



Main Features



Our 9HO Touché brand film has been tested according to the ASTM International Standards Organization.

9H Hardness for Extreme Scratch Resistance



TEST 1: A 9H graphite pencil (the hardest pencil on the market) was used on the film bearing a load of 1.1 lbs at a 45° angle.

TEST 2: A piece of steel wool with a 1.6 lbs load, 20 rounds on the test film.

The film was not scratched.

Oleophobic Coating for Easy Cleaning



An oleophobic coating helps repel the natural oil from fingertips when touching a screen. 9HO makes smudges and fingerprints less noticeable and easier to wipe away.

Shatterproof for Greater Safety



Tempered Glass Screen Protector

No shatter, no scatter protection.

When applied to a glass screen, Photodon's 9HO polyEthylene terephthalate film (PET) will not shatter unlike tempered glass screen protectors.

9HO is safe, flexible, and affordable.



Additional Features

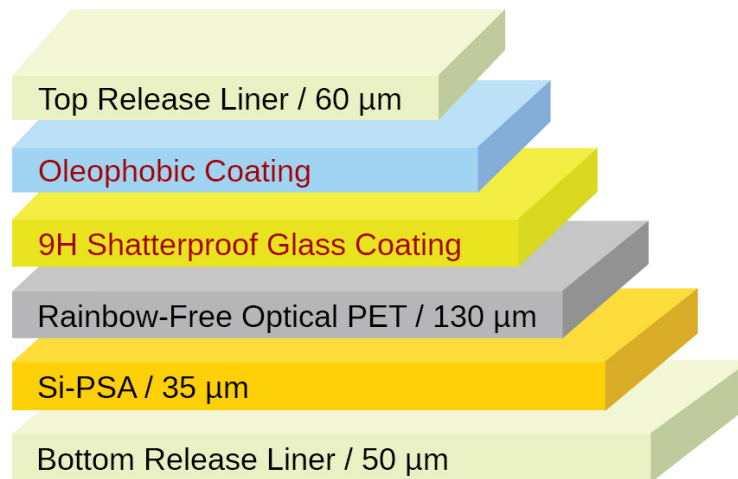


- Touchscreen-compatible*
- Highly transparent / Rainbow-free
- Fingerprint-resistant
- Pressure-sensitive silicone adhesion with no damage to device screen if removed
- 9HO lays down easily and quickly
- 9HO can be custom cut
- Can be produced at discounted bulk rates for B2B partners
- 9HO is available for any device up to 40.5" (short dimension) or ~80" diagonal
- Much more affordable than tempered glass

*Our screen protectors work on 98% of touchscreens. If your device is an ELO or a device with infrared, IntelliTouch, or Surface Acoustic Wave technology, touch function may not work with a screen protector installed.



9HO Screen Protector Film Structure



Technical Data and Specs

Top Liner 60 μm PET

Oleophobic Coating

9H Shatterproof Glass-Like Coating

Rainbow-Free Optical PET 130 μm PET

Si-PSA 35 μm Silicone

Release Liner 50 μm PET



Properties	Unit	Result	Test Method
Oleophobic Coating Durability		89° \pm 2	1500 cycles / Rubbing test stick @ 45°, 500g load/cm ²
Peeling Strength	gf/25mm	5.6 after 30 min.	GLASS with 2kg roller 180°peel, g/25 mm, 300mm/min
Pencil Hardness	Film only w/adhesive	9H @ 45°, 500g load 7H @ 45°, 500g load	ASTM D3363 ASTM D3363
Steel Wool Abrasion		No damage	ASTM D1044 Steel wool (#0000) *20 Laps @ 750g load/cm ²
Adhesion	100/100	Pass	Cross Cut Adhesion Test