

Fine Hard Mat™

Non-Glare, abrasion and chemical resistant cover glass

For electronic displays requiring high abrasion & wear resistance and/or chemical resistance combined with reflection control, PSC offers Fine Hard Mat™, which has a Non-Glare and very hard surface treatment.

Fine Hard Mat™ is a double-sided hard coated acrylic material. The surface hardness is among the best on plastics.

The optical properties (Gloss & Haze) of the front side Non-Glare Hardcoat has been optimized to meet the demands of modern industrial Displays.

The front-side Non-Glare Hardcoat is dirt- & smudge repellent and very easy to clean. These properties, together with low finger drag resistance (low stiction and friction) optimized for touch applications, are inherited

features of the Fine Hard Mat™ technology.

Fine Hard Mat™ rear-side Hardcoat is printable and its scratch resistant surface protects against the risk of damages during mounting and assembly processes.

Due to the durability of Fine Hard Mat™, it is perfect for displays used under challenging conditions on a daily basis. Often, portable and handheld products used in rough environments can benefit from the scratch resistance.

PSC supplies finished display windows according to application specific needs, such as milling, silkscreen printing and pre-assembly.



Technical Data

Pencil hardness*	≥ 6H
Base material	PMMA
Light transmittance	>90 %
Standard thicknesses	1-3 mm

*Somewhat dependent on base material thickness