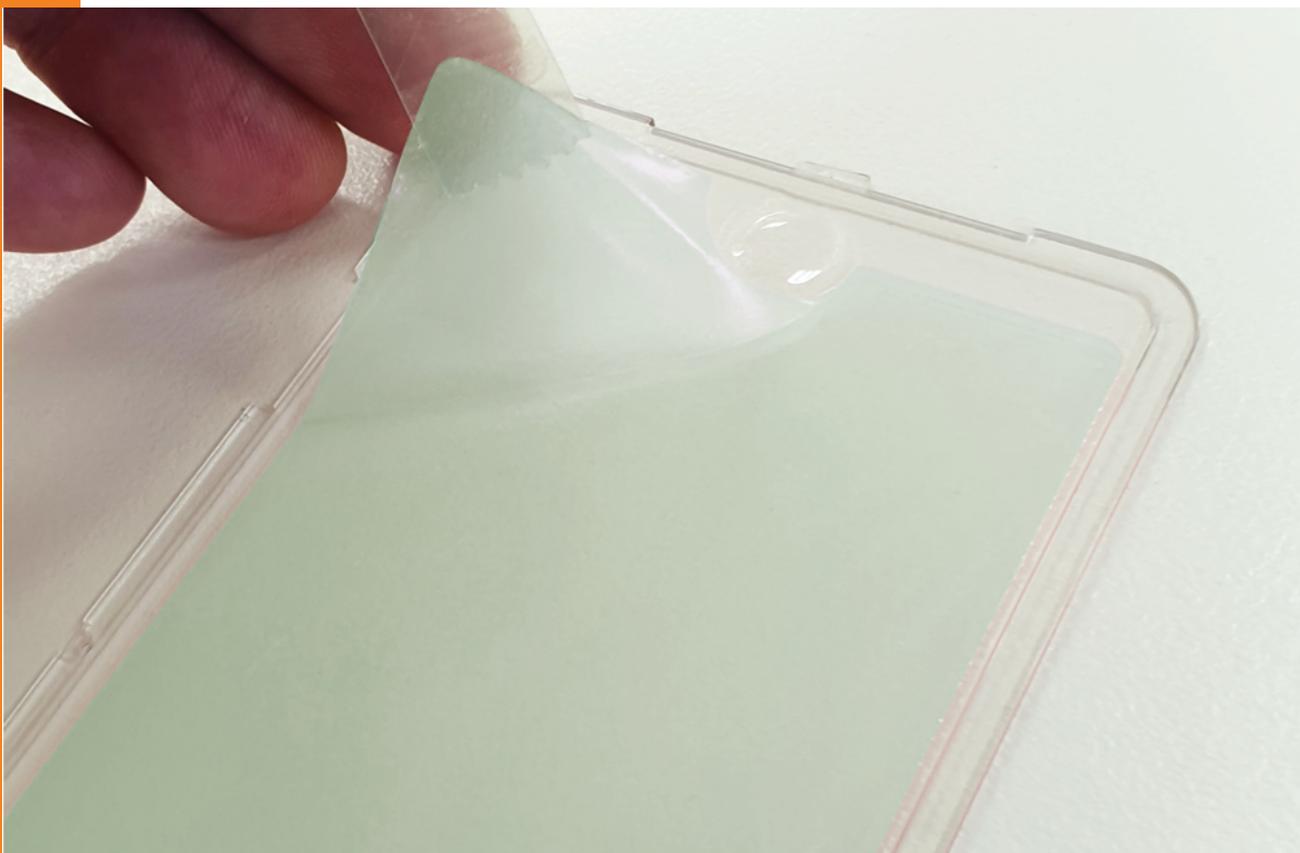




KIWOMASK® UV 164

Screen-printable, UV curing protective and masking film for plastic surfaces, coatings, metal and glass.



Product benefits

- Optimum protection for scratch sensitive plastic displays and films
- Peelable as a film
- Short process times through UV curing
- Protection during deep-draw, cutting, punching and transport
- Suitable mask for organic coatings for decorating bottles and hollow glass
- Resists up to 12 min. @ 200 °C / 392°F – remaining peelable
- Solvent-free

KIWOMASK® UV 164

Screen-printable, peelable, UV-curing protective and masking film for easily scratchable surfaces

A one-component protective coating, for display protection and for protecting devices and surfaces against mechanical strain and during transport. KIWOMASK® UV 164 is suitable for flat glass, many plastic materials such as PMMA and metal surfaces e.g.: polished Aluminum and stainless-steel, powder coated surfaces e.g.: ACM or inks and varnishes.

Depending on the application, KIWOMASK® UV 164 can be applied with a screen mesh between 21/54-140 W (for thicker coatings) and 77/195-55 (for thinner coatings). For normal use, e.g., as a replacement for a conventional protective film, we recommend using a 36 / 92-90 or 43 / 110-80 fabric.

Light energy required for hardening KIWOMASK UV 164 is approx. 300-500 m/J cm².

KIWOMASK UV 164 has good flowing and wetting properties. Make trials to test adhesion and removal of the dried film. Not suitable for rusting metals.

Application: Stir well prior to use. Allow 30 min. post-cure dwell before peeling the film.

Properties:

Color: Liquid: Transparent blue, Dry: transparent greenish-yellow
Viscosity: Approx. 31.000 mPas (Brookfield RVT, spindle 6, 20 r/min, 20°C)

Resists & Coatings by KIWO®

for industrial and creative applications on many materials

- "liquid" protective film
- etching and galvano resists
- photo-resists
- sand-blasting, sputter and brushing resists
- inkjet resists

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