

Ultra Clear Monomeric PVC Film 80μ - TAG Digital®

TECHNICAL DATA SHEET

Description :

The **Ultra Clear Monomeric PVC Film 80μ - TAG Digital®** is an ultra-transparent flexible monomeric PVC film specially designed for printing and application on glass. The film can be printed with solvent, eco-solvent, Latex and UV inks, but it is with UV inks and white backing that it offers the widest applications.

Characteristics:

The **Ultra Clear Monomeric PVC Film 80μ - TAG Digital®** has a thickness of 80μ. The adhesive is an ultra-transparent solvent based adhesive that can be removed. The liner is a 70μ polyester film which gives the adhesive a high transparency.

Printing:

This product is ideal for printing visuals in UV inks with different possible combinations such as white + Quadri, Quadri mirror + white for indoor placement, Quadri mirror + white + Quadri for double-sided vision, ... This product is mainly intended for flat surfaces.

Use of the product:

The presence of solvent components in the inks can soften the film and make it stretchable, therefore we recommend a drying time of about 24 hours before lamination or placement. Without proper drying, solvent vapors can cause application difficulties and impair the adhesion to the substrate.

Placement:

It is recommended that the film be placed with clear water, possibly with a placement fluid at a maximum concentration of 25%, but especially without soap. Clean the glass thoroughly. Spray the glass evenly with water. Peel off the liner. Apply the printed film to the glass. Before pressing it, you can put the clear film on top of the film to protect it from scratches. After you are done, check and remove any small bubbles. Within two hours after applying the film with water, the film will whiten slightly and then become clear again within 24 hours.

It is very important to remove all the water between the film and the glass, otherwise it will not come off. For UV prints, because of the relief of the ink, the water residues can be more difficult to remove.

Notes:

Do not bring into contact with products containing solvents or ammonia. Thoroughly clean the glass before application. For a bubble-free result, the film must be applied with water.

Durability:

The maximum recommended duration of use is 1 year.

Removability of the adhesive on glass: 1 year at 23-25°C. Adhesion of the adhesive increases with time.

Storage:

1 year - between 15 and 25°C and 45 to 55% humidity in the original box.

Adhesion:

Adhesive strength 180° (FTM 1): 6 N/25 mm +/- 1N/25 mm

Instant Adhesion (FTM9): 6 N/25 mm +/- 1N/25 mm

Adhesion after 24h (FTM9): 7 N/25 mm +/- 1N/25 mm

Final adhesion after 24 hours.

Adhesion temperature: 15° to 40° C

Temperature of use: -20°C to 60° C

Product reference:

Monomeric Ultraclear Film 80μ	1,37 x 25 m	UC FILM-M80-137025
	1,37 x 50 m	UC FILM-M80-137050
	1,52 x 25 m	UC FILM-M80-152025
	1,52 x 50 m	UC FILM-M80-152050

Note:

The information in this data sheet is based on laboratory tests and experience gained in practice. It does not constitute a legal guarantee. A test prior to use must be carried out.

Durability is estimated based on exposure conditions in Central Europe. The actual life of the product depends on substrate preparation, exposure conditions and maintenance of the marking. Outdoor performance degradation can be expected when the films are exposed southward, if applied in areas with high temperatures such as Southern European countries, or in polluted areas.