

Ultra Clear Polymeric PVC Film 100μ - TAG Digital®

TECHNICAL DATA SHEET

Description:

The **Ultra Clear Polymeric PVC Film 100μ - TAG Digital®** is an ultra-transparent flexible polymeric 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 Polymeric PVC Film 100μ - TAG Digital®** has a thickness of 100μ. The adhesive is a semi-permanent ultra-transparent solvent based glue. The liner is a 75μ polyester film that 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.

Notes:

Do not bring into contact with products containing solvents or ammonia. Thoroughly clean the glass before application.

Placement:

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 transparent film on top of the film to protect it from scratches. After finishing, check and remove any small bubbles. It is very important to remove all the water between the film and the glass, otherwise it will not come off. With UV prints, because of the relief of the ink, water residues can be more difficult to remove.

Durability:

The maximum recommended duration of use is 3 years.

Removability of the glue on glass: 3 years at 23-25°C. Adhesion of the glue increases with time.

Storage:

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

Approvals and Standards:

Material is certified M1.

Adhesion:

Adhesive strength 180° (FTM 1): 7 N/25 mm +/- 1N/25 mm

Instant Adhesion (FTM9): 7 N/25 mm +/- 1N/25 mm

Adhesion after 24h (FTM9): 8 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 references:

Ultra-Clear Polymeric PVC Film 100μ	1,37 x 50 m	UC FILM-P100-137050
	1,52 x 50 m	UC FILM-P100-152050

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.