



## 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 to place the film with clear water, possibly with a placement liquid with a maximum concentration of 25%, but above all without soap. Within two hours after application with water, the film whitens slightly and then becomes transparent again within 24 hours.

It is very important to remove all water from between the film and the glass, otherwise the water will not come out. For UV printing, because of the relief of the ink, 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:**

<b>Monomeric Ultraclear Film 80µ</b>	<b>1,37 x 25 m</b>	UC FILM-M80-137025
	<b>1,37 x 50 m</b>	UC FILM-M80-137050
	<b>1,52 x 25 m</b>	UC FILM-M80-152025
	<b>1,52 x 50 m</b>	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.