

AP/R38



Description

Ultra-removable, specific for labels and decorations to be applied on glass or perfectly smooth surfaces. Due to the special "wet out" effect, the adhesive can be easily applied and removed without leaving glue traces.

Colours: white matt.

Printability: printable by printers using Solvent, Eco-solvent, UV and Latex inks.

Technical information

Technical data

Film:	Calendered P.V.C.
Film Thickness (without adhesive):	100 +/- 3% µm (Op. Istr. n° 4).
Liner:	Polyester 1-side siliconised.
Release:	55 +/- 15 cN/20mm.
Adhesive:	ultra-removable acrylic.
Grammage:	18 +/- 5 g/m2.
Adhesion after 24 h. :	min. 300 N/m. Peel 180° at 20°C on steel (Op. Istr. n° 7).
Method of application:	dry.
Application temperature:	suggested between 10° and 28°C.
Shrinkage:	< 0,3 mm after 48 h. at 70°C on steel (Op. Istr. n° 8).
Temperature resistance:	from -50°C to +90°C adhered to steel no variation (Op. Istr. n° 15).

Average expected lifetime

Film for internal use.

Storage

1 year, film must be kept warehoused at room temperature (20°C / 50% R.H.) suspended horizontally or placed in a vertically upright position in polythene bag.

Note

The values and the data given are based on tests we believe to be reliable and are typical values intended only as a source of information, and do not constitute a guarantee.

Purchasers must independently determine, before use, the suitability of the material for their own specific use and under their own operating conditions with the aim to determine if the APA product is suited for the specific goal and is furthermore suited for the use and the pre-selected application-method.

All APA-Print films are produced and packed under very strict quality control procedures in order to guarantee that the films are clean, free of dust and other impurities that might compromise the printability. It's important that the inks are thoroughly dried before application and before any lamination takes place. The residual solvents can otherwise change the products' specific features. Purchasers must independently determine, the suitability of the product with their own printer and inks, under their own operating conditions, with the aim to determine if the APA product is suited for the specific goal.

General information

Warranty / exclusions of liability

APA materials are guaranteed to be free from all manufacturing defects. In the event of ascertained defectiveness of the product, APA shall replace the materials used upon manufacturing the decorations.

APA shall not be liable for any additional costs, such as the work necessary for reprinting the design, the losses related to production time, the costs for removing or re-applying the graphics. APA, in addition, does not assume responsibility for the replacement of materials not produced by APA.

A.P.A. SpA cannot be held responsibility for any damages other than the substitution of the goods.

APA guarantees to maintain the interval of the variability of the colours of its products in the best possible way, using instrumental and visual checks.

To avoid colour variation, all the parts of the vinyl applied have to belong to the same production batch. It is also the case for decorations that are required for a long duration of time, updating or improvements of the decoration. Therefore, it is recommended to ask beforehand for the required material, belonging to the same production batch.

No salesman, representative, agent or distributor has authority to supply data different from those reported in this Technical Data Sheet. To make improvements all products may be modified without prior notice.

For a safe use of the self-adhesive materials by A.P.A. it is recommended to read the dedicated safety information.

For a safe use of the cleaners mentioned in this data sheet it is recommended to read the dedicated safety sheets.

Print

The film is developed to be used on major printers using Solvent, Eco Solvent, UV and Latex inks. For a good printability and converting result we recommend allowing the rolls acclimatise in the print room at least 24 hours before printing or converting.

Too much temperature or humidity deviation between material and room climate can cause lay flatness and printability issues. Setting the most suitable profile, to get the best printing result.

Over-lamination

It's important that the inks are thoroughly dried before application and before any lamination takes place. The residual solvents can otherwise change the products' specific features. Therefore after print we recommend to let the film rest at least 48 hours in a room with a temperature of 20° C.

Recommended lamination are the APA Over-lamination calendered films L/491, L/481, L471, L/91-K e L/81-K.

Application

The film is developed for the decoration of glass and shop windows only.

Before applying the film always test the compatibility between the self-adhesive vinyl and the surface of the decoration.

Before application ensure that the glass is thoroughly cleaned with a glass cleaner. It is important that the surface is perfectly cleaned and free of dust or other substrates that could compromise the adhesion of the film.

If the film is attached and detached repeatedly, pay attention to dust and dirt that could compromise the the adhesion of the film or create, after application, micro-dots or small air bubbles that are impossible to remove.

It is recommended to apply the film in a room with a temperature between 10 and 28°C.

Apply the vinyl only using the dry method. Do not use water.

Cleaning the vinyl

Proceed with the cleaning process if the printed film has been over-laminated.

Use water with soft cloths and non-aggressive detergents.

Do not use rough sponges and clothes, abrasive creams or solvents.

Cleaning with unsuitable products and tools could cause a premature deterioration of the film.

Maintenance

The surface of the vinyl is delicate and therefore should be treated with care. Avoid rubbing against objects that could cause scratches or ripping of the vinyl beyond repair.

An extended exposition to solar rays and to atmospheric agents could provoke a premature aging of the film, especially for the parts exposed to the south.

In conclusion, we recommend protecting the decorated surface from the sun and the elements to the greatest extent possible.

If a film deterioration should arise, for example, fading, change of colour or become brittle, then an immediate removal is recommended.

For a good maintenance of the vinyl regular cleaning is recommended.

Removal

The film is easy to remove without leaving traces of glue.

The company APA cannot be held responsible of any damage caused during the removal phase and/or damages of the surface upon which the film has been applied.